clarion®

Owner's manual
Mode d'emploi
Manual de instrucciones

DXZ835MP

AM / FM CD / MP3 / WMA PLAYER

•

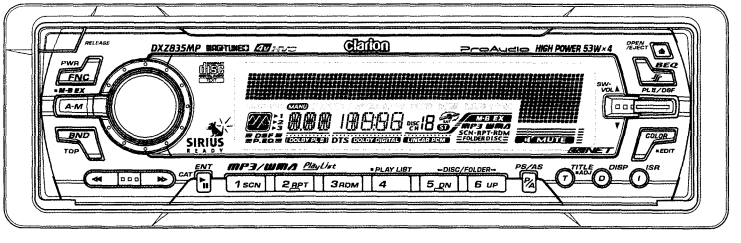
RADIO AM/FM-LECTEUR CD/MP3/WMA

•

REPRODUCTOR DE AM/FM CD/MP3/WMA

ProAudio

eNET



COMPACT disc DIGITAL AUDIO TEXT

SIRIUS READY

Designed for Windows Media™

English

Thank you for purchasing this **Clarion** product.

* Please read this owner's manual in its entirety before operating this equipment.
* After reading this manual, be sure to keep it in a handy place (e.g., glove compartment).
* Check the contents of the enclosed warranty card and keep it carefully with this manual.
* This manual includes the operating procedures of the CD changer, MD changer, SIRIUS and TV tuner, DVD DECK, BB. DTS/AC3 connected via the CeNET cable. The CD changer, MD changer, DVD changer and TV tuner have their own manuals, but no explanations for operating them are described.

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1. FEATURES

- MP3 and WMA File Playable with ID3-TAG and WMA-TAG Display
- 24-Bit / Advanced Multi-Bit D/A Converters with 128-Times Oversampling
- BEAT EQ for Sound Creation with 3 Adjustment Modes (3-Band P.EQ)
- MAGNA BASS EX for Dynamic Bass Tuning, Volume Level Dependent
- Motorized Sloping Console Aluminum Face with Negative/Positive Reversible 728-Variable Color LC Display and Control Buttons
- Screen Saver with User Programmable MESSAGE INFORMATION
- CeNET with Balanced Audio Line Transmission and Dynamic Noise Cancelling

2. PRECAUTIONS

1. When the inside of the car is very cold and the player is used soon after switching on the heater moisture may form on the disc or the optical parts of the player and proper playback may not be possible. If moisture forms on the disc, wipe it off with a soft cloth. If moisture forms on the optical parts of the player, do not use the player for about one hour. The condensation will disappear naturally allowing normal operation.
2. Driving on extremely bumpy roads which cause severe vibration may cause the sound to skip.
3. This unit uses a precision mechanism. Even in the event that trouble arises, never open the case, disassemble the unit, or lubricate the rotating parts.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to consult the dealer or an experienced radio/TV technician for help.

⚠CAUTION

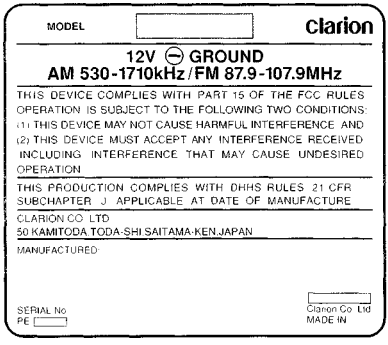
USE OF CONTROLS, ADJUSTMENTS, OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN, MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

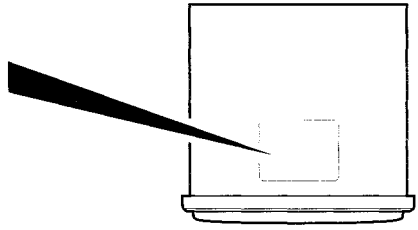
THE COMPACT DISC PLAYER and MINI DISC PLAYER SHOULD NOT BE ADJUSTED OR REPAIRED BY ANYONE EXCEPT PROPERLY QUALIFIED SERVICE PERSONNEL.

CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE MANUFACTURER FOR COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

INFORMATION FOR USERS:

CHANGES OR MODIFICATIONS TO THIS PRODUCT NOT APPROVED BY THE MANUFACTURER WILL VOID THE WARRANTY AND WILL VIOLATE FCC APPROVAL.


MODEL
Clarion
12V ⊖ GROUND
AM 530-1710kHz/FM 87.9-107.9MHz
THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRED OPERATION
THIS PRODUCTION COMPLIES WITH DHHS RULES 21 CFR SUBCHAPTER J APPLICABLE AT DATE OF MANUFACTURE
CLARION CO. LTD
50 KAMITODA TODA-SHI SAITAMA-KEN JAPAN
MANUFACTURED
SERIAL No.
PE
Clarion Co. Ltd
MADE IN



Bottom View of Source Unit

Sloping Console

English

This unit uses sloping console to make large-screen displays possible.

When you use the sloping console, be sure to close it.

⚠CAUTION

BE CAREFUL NOT TO GET YOUR FINGERS CAUGHT WHEN OPENING AND CLOSING THE SLOPING CONSOLE.

1. For safety's sake, always close the SLOPING CONSOLE before leaving this unit unused for a prolonged period or switching OFF the ignition key.

   If you switch OFF the ignition key with the SLOPING CONSOLE tilted, the SLOPING CONSOLE does not close.
2. Before the SLOPING CONSOLE closes, there may be a braking sound from the safety mechanism. This is normal.
3. If you move the SLOPING CONSOLE by hand, this may create play. To correct this play, with the power on for the unit, press the [⏏] button to close the SLOPING CONSOLE.
4. After a disc is ejected, the SLOPING CONSOLE automatically returns to the tilted or closed state. If there is any obstruction when the SLOPING CONSOLE tries to close, the safety mechanism is triggered and the SLOPING CONSOLE returns to the open state. If this happens, remove the obstruction, then press the [⏏] button.
5. To avoid scratching the compact disk, keep the 12 or 8 cm CD level when inserting or removing them.

Handling Compact Discs

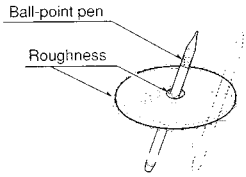
Use only compact discs bearing the COMPACT disc DIGITAL AUDIO or COMPACT disc DIGITAL AUDIO TEXT mark.

Do not play heart-shaped, octagonal, or other specially shaped compact discs.

Some CDs recorded in CD-R/CD-RW mode may not be usable.

Handling

- Compared to ordinary music CDs, CD-R and CD-RW discs are both easily affected by high temperature and humidity and some of CD-R and CD-RW discs may not be played. Therefore, do not leave them for a long time in the car.
- New discs may have some roughness around the edges. If such discs are used, the player may not work or the sound may skip. Use a ball-point pen or the like to remove any roughness from the edge of the disc.



- Never stick labels on the surface of the compact disc or mark the surface with a pencil or pen.
- Never play a compact disc with any cellophane tape or other glue on it or with peeling off marks. If you try to play such a compact disc, you may not be able to get it back out of the CD player or it may damage the CD player.
- Do not use compact discs that have large scratches, are misshapen, cracked, etc. Use of such discs may cause misoperation or damage.
- To remove a compact disc from its storage case, press down on the center of the case and lift the disc out, holding it carefully by the edges.
- Do not use commercially available CD protection sheets or discs equipped with stabilizers, etc. These may damage the disc or cause breakdown of the internal mechanism.

Storage

- Do not expose compact discs to direct sunlight or any heat source.
- Do not expose compact discs to excess humidity or dust.
- Do not expose compact discs to direct heat from heaters.

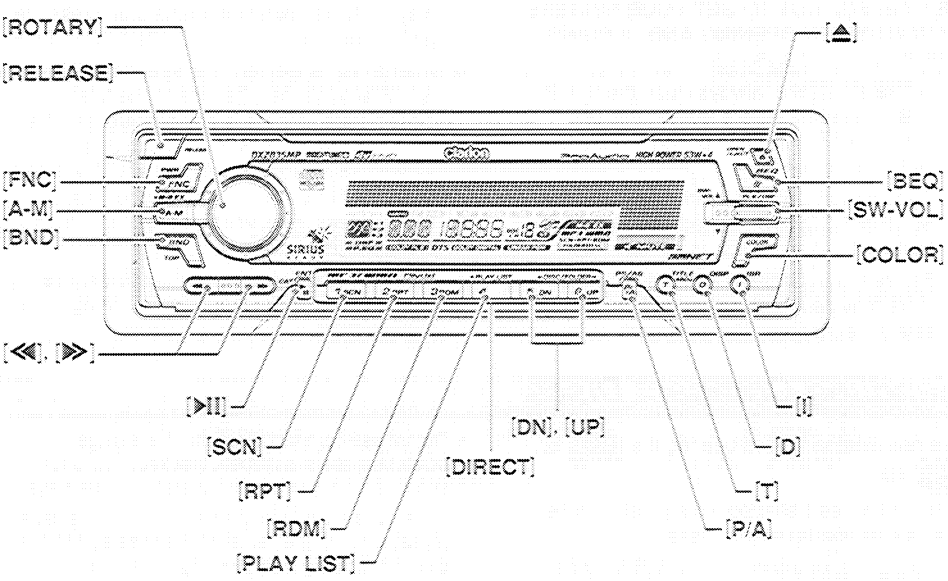
Cleaning

- To remove fingermarks and dust, use a soft cloth and wipe in a straight line from the center of the compact disc to the circumference.
- Do not use any solvents, such as commercially available cleaners, anti-static spray, or thinner to clean compact discs.
- After using special compact disc cleaner, let the compact disc dry off well before playing it.

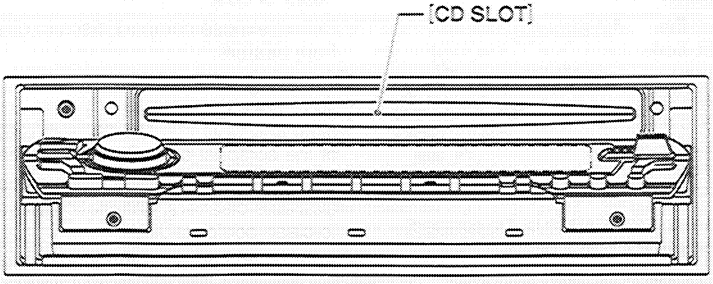
Be sure to unfold and read the next page. / ***Cerciórese de desplegar y de leer la página siguiente.***

3.CONTROLS / LES COMMANDES / CONTROLES

Source unit / Appareil pilote / Unidad fuente



With the SLOPING CONSOLE opened / Ouvrez la CONSOLE RABATTABLE Apertura de la CONSOLA INCLINABLE



Note: Be sure to unfold this page and refer to the front diagrams as you read each chapter.
Remarque: Veuillez déplier cette page et vous référer aux schémas quand vous lisez chaque chapitre.
Nota: Cuando lea los capítulos, despliegue esta página y consulte los diagramas.

English

4. NOMENCLATURE

Note:

*• Be sure to read this chapter referring to the front diagrams of chapter "**3. CONTROLS**" on page 5 (unfold).*

Names of the Buttons and Their Functions

[RELEASE] button
- Deeply push in the button to unlock the DCP.

[ROTARY] knob
- Adjust the volume by turning the knob clockwise or counterclockwise.
- Use the knob to perform various settings.

[BEQ] button
- Use the button to select one of the 3 types of sound characteristics already stored in memory.

[SW-VOL] button
- Adjust sub woofer volume.
  The volume is adjusted in the range ±6.

[COLOR] button
- Button's color change to multicolor.

[I] button
- Recall ISR radio station in memory.
- Press and hold for 2 seconds or longer: Store current station into ISR memory (radio mode only).

[D] button
- Switch the display indication (Main display, Clock display).

[T] button
- Use the button to input a title in the CD-DA RADIO mode.
- Press and hold the button for 1 second or longer to enter the adjust mode.

[P/A] button
- Perform preset scan while in the radio mode. When the button is pressed and held, auto store is performed.

[UP], [DN] buttons
- Select the folder while in the MP3/WMA mode.

[DIRECT] buttons
- Store a station into memory or recall it directly while in the radio mode.

[PLAY LIST] button
- Press and hold for 1 second or longer to turn on or off the play list mode. (MP3/WMA disc only)

[RDM] button
- Perform random play while in the CD mode.
- Press and hold the button for 1 second or longer to perform folder random play while in the MP3/WMA mode.

[RPT] button
- Repeat play while in the CD mode.
- Press and hold the button for 1 second or longer to perform folder repeat play while in the MP3/WMA mode.

[SCN] button
- Perform scan play for 10 seconds of each track while in the CD mode.
- Press and hold the button for 1 second or longer to perform folder scan play while in the MP3/WMA mode.

[►II] button
- Play or pause a CD while in the CD/MP3 mode.

[◀◀], [▶▶] buttons
- Select a station while in the radio mode or select a track when listening to a CD. These buttons are used to make various settings.
- Press and hold the button for 1 second or longer to switch the fast-forward/fast-backward.

[BND] button
- Switch the band, or seek tuning or manual tuning while in the radio mode.
- Play a first track while in the CD mode.

[A-M] button
- Use the button to switch to the audio mode (bass/mid/treble, balance/fader Beat EQ, Magna Bass Extended adjustment)
- Press and hold for 1 second or longer to turn on or off the M-B EX mode.

[FNC] button
- Press the button to turn on the power. Press and hold the button for 1second or longer to turn off the power.
- Switch the operation mode among the radio mode, etc.

[▲] button
- Press to eject a CD loaded in the unit.
- Press to open the CD slot and insert a CD.

[CD SLOT]
- CD insertion slot.

Major Button Operations When External Equipment is Connected to This Unit

●When the CD/MD/DVD changer is connected

* For details, see the section "**CD/MD Changer Operations**". For the DVD changer, refer to the Owner's Manual provided with the DVD changer.

[D] button

- When the button is pressed and held, switches the disc titles or track titles while in the MD changer mode.
- When the button is pressed and held, switches the user titles or track titles, etc. while in the CD changer mode.

[T] button

- Use the button to input a title in the CD changer mode.
- Use the button to scroll the title during CD-text play or MD changer play in the MD changer mode.

[UP], [DN] buttons

- Select the disc.

[RDM] button

- Perform random play. Also perform disc random play when the button is pressed and held.

[RPT] button

- Perform repeat play. When this button is pressed and held, disc repeat play is performed.

[BND] button

- Move the next disc in increasing order.

[SCN] button

- Perform scan play for 10 seconds of each track. Disc scan play is performed when the button is pressed and held.

[►II] button

- Play or pause a CD, MD or DVD.

[◄◄], [►►] buttons

- Select a track when listening to a disc.
- Press and hold the button for 1 second or longer to switch the fast-forward/fast-backward.

●When the DTS/DOLBY DIGITAL is connected (DVH920)

[BEQ] button

- Press the button to turn on the DSF.
- Press the button to turn on the PLII while the DSF on.

[◄◄], [►►] buttons

- Press the button to change the DSF mode while the DSF mode is on.
- Press the button to change the PLII mode while the PLII mode is on.

●When the TV is connected

* For details, see the section "**TV Operations**".

[P/A] button

- Perform preset scan while in the TV mode. When the button is pressed and held, auto store is performed.

[►II] button

- Switch the TV picture mode or VTR (external) picture mode.

[DIRECT] buttons

- Store a station into memory or recall it directly.

[◄◄], [►►] buttons

- Select a station.

[BND] button

- Switch the band.
- When the button is pressed and held, switch seek tuning or manual mode.

●When the Sirius Satellite Radio is connected

* For details, refer to the Owner's Manual provided with the Sirius Satellite Radio.

[FNC] button

- Press the button to switch the operation mode among the SIRIUS mode, etc.

[►II] button

- Select the CAT (Category) while in the SIRIUS radio mode.

[DIRECT] buttons

- Stores a station into memory or recall it directly while in the SIRIUS mode.

[◄◄], [►►] buttons

- Press the button to selects a station.

What is Sirius Satellite Radio?

SIRIUS Satellite Radio

Sirius is radio the way it was meant to be: Up to 100 new channels of digital quality programming delivered to listeners coast to coast via satellite. That means 50 channels of completely commercial-free music. Plus up to 50 more channels of news, sports, and entertainment from names like CNBC, Discovery, SCI-FI Channel, A&E, House of Blues, E!, NPR, Speedvision and ESPN.

Sirius is live, dynamic entertainment, completely focused on listeners. Every minute of every day of every week will be different. All 50 commercial-free music channels are created in-house and hosted by DJs who know and love the music. Do you like Reggae? How about Classic Rock or New Rock? Sirius has an array of choices spanning a vast range of musical tastes including the hits of the 50's, 60's, 70's, & 80's as well as Jazz, Country, Blues, Pop, Rap, R&B, Bluegrass, Alternative, Classical, Heavy Metal, Dance and many others...

From its state-of-the-art, digital broadcasting facility in Rockefeller Center, New York City, Sirius will deliver the broadest, deepest mix of radio entertainment from coast to coast.

Sirius will bring you music and entertainment programming that is simply not available on traditional radio in any market across the country. It's radio like you've never heard before.

So Get Sirius and Listen Up! For more information, visit siriusradio.com.

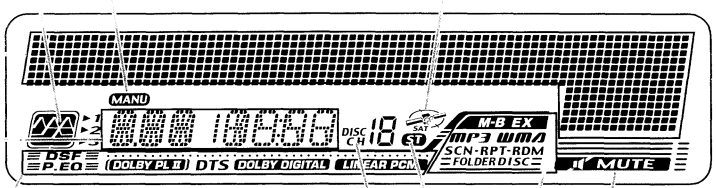
Display Items

Operation status indication
* The frequency, play time, etc.

BEQ indication

: Satellite indication

MANU : Manual indication



Preset channel indication (1 to 6)
Disc number indication (1 to 12)

Stereo indication

DSF : DSF indication

P.EQ : P.EQ indication

DOLBY PL II : DOLBY PL II indication

DTS : DTS indication

DOLBY DIGITAL : DOLBY DIGITAL indication

LINEAR PCM : LINEAR PCM indication

MUTE : Mute indication

M-B EX : MAGNA BASS EXTEND indication

MP3 : MP3 indication

WMA : WMA indication

SCN : Scan indication

RPT : Repeat indication

RDM : Random indication

FOLDER : FOLDER indication

DISC : DISC indication

LCD Screen

In extreme cold, the screen movement may slow down and the screen may darken, but this is normal. The screen will recover when it returns to normal temperature.

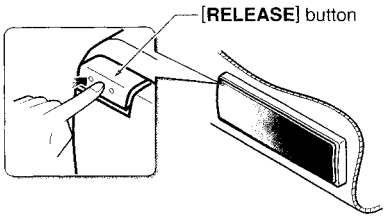
5. DCP

The control panel can be detached to prevent theft. When detaching the control panel, store it in the DCP (DETACHABLE CONTROL PANEL) case to prevent scratches.

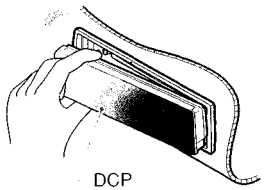
We recommend taking the DCP with you when leaving the car.

Removing the DCP

1. With the SLOPING CONSOLE closed, turn off the power.
2. Press the [**RELEASE**] button deeply to open the DCP.



3. Pull the DCP toward you and remove it.

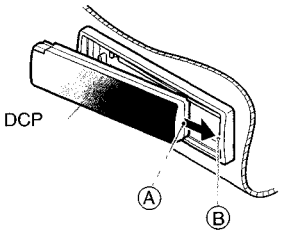


⚠CAUTION

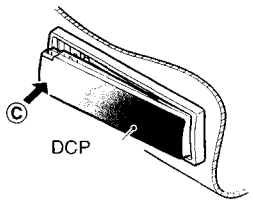
- **Always close the SLOPING CONSOLE before removing the DCP.**
- **If you remove the DCP with the SLOPING CONSOLE open, the sloping console closes immediately. Be careful not to get your fingers caught.**

Attaching the DCP

1. Insert the DCP so that the Ⓐ section on the right side of the DCP catches on the hook Ⓑ on the unit.



2. Press the left side Ⓒ of the DCP carefully to fit it in place.



⚠CAUTION

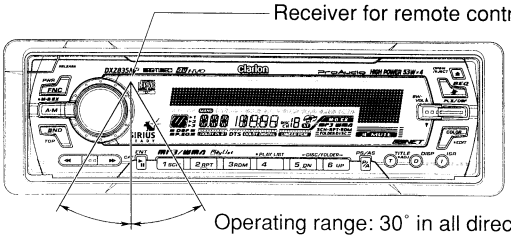
- **The DCP can easily be damaged by shocks. After removing it, be careful not to drop it or subject it to strong shocks.**
- **If the [RELEASE] button is pressed and the DCP is not locked into place, it may fall out from vibration of the car. This can break the DCP, so after removing it, either install it on the unit or put it in its DCP case.**
- **The connector connecting the unit and the DCP is an extremely important part. Be careful not to damage it by pressing on it with fingernails, screwdrivers, etc.**

Note:

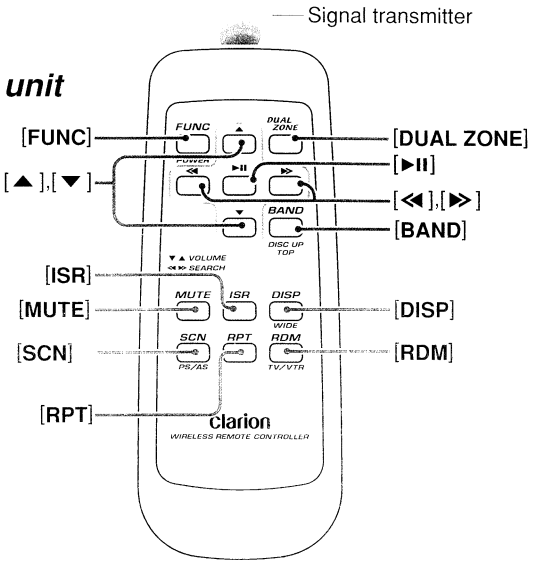
- *If the DCP is dirty, wipe off the dirt with a soft, dry cloth only.*

English

6. REMOTE CONTROL



Remote control unit



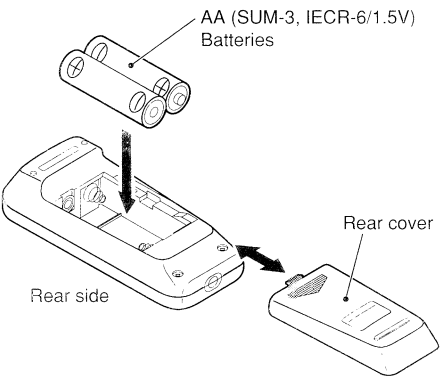
Inserting the Batteries

1. Turn the remote control unit over, then slide the rear cover in the direction of the arrow.
2. Insert the AA (SUM-3, IECR-6/1.5V) batteries that came with the remote control unit facing in the directions shown in the figure. then close the rear cover.

Notes:

Using batteries improperly can cause them to explode. Take note of the following points:

- *When replacing batteries, replace both batteries with new ones.*
- *Do not short-circuit, disassemble or heat batteries.*
- *Do not dispose of batteries into fire or flames.*
- *Dispose of spent batteries properly.*



Functions of Remote Control Unit Buttons

Mode / Button	Radio/SIRIUS	CD/MP3/WMA	CD/MD changer DVD changer	TV
[FUNC]	Switches among radio, SIRIUS tuner, CD/MP3/WMA, DVD Deck, CD/MD changer, DVD changer, TV and AUX.			
[BAND]	Switches reception band.	Plays the first track. Top play.	Moves the next disc in increasing order.	Switches reception band.
[▲], [▼]	Increases and decreases volume (in all modes).			
[◀◀], [▶▶]	Moves preset channels up and down.	Moves tracks up and down. When pressed and held for 1 second: Fast-forward/fast-backward.		Moves preset channels up and down.
[▶II]	No function.	Switches between playback and pause.		No function.
[MUTE]	Turns mute on and off.			
[ISR]	Recalls ISR radio station in memory. Press and hold for 2 seconds or longer: Stores current station into ISR memory (radio mode only).			
[DISP]	Switches among main display, clock display.			
[SCN]	Preset scan. When pressed and held for 2 seconds: Auto store.	Scan play. Press and hold the button for 1 second or longer to perform folder scan play while in the MP3/WMA mode.	Scan play. When pressed and held for 1 second: Disc scan play.	Preset scan. When pressed and held for 2 seconds: Auto store.
[RPT]	No function.	Repeat play. Press and hold the button for 1 second or longer to perform folder repeat play while in the MP3/WMA mode.	Repeat play. When pressed and held for 1 second: Disc repeat play.	No function.
[RDM]	No function.	Random play. Press and hold the button for 1 second or longer to perform folder random play while in the MP3/WMA mode.	Random play. When pressed and held for 1 second: Disc random play.	Switches between TV and VTR.

* Some of the corresponding buttons on the main unit and remote control unit have different functions.
* [**DUAL ZONE**] buttton is not available.

English

7. OPERATIONS

Basic Operations

Note: Be sure to read this chapter referring to the front diagrams of chapter "3. CONTROLS" on page 5 (unfold).

⚠CAUTION

Be sure to lower the volume before switching off the unit power or the ignition key. The unit remembers its last volume setting. If you switch the power off with the volume up, when you switch the power back on, the sudden loud volume may hurt your hearing and damage the unit.

Turning on/off the power

Note:

- *Be careful about using this unit for a long time without running the engine. If you drain the car's battery too far, you may not be able to start the engine and this can reduce the service life of the battery.*

1. Press the **[FNC]** button.
2. The illumination and display on the unit light up. The unit automatically remembers its last operation mode and will automatically switch to display that mode.
3. Press and hold the **[FNC]** button for 1 second or longer to turn off the power for the unit.

Note:

- *System check*

  *The first time this unit is turned on after the wire connections are completed, it must be checked what equipment is connected. When the power is turned on, "**SYSTEM CHCK**" and "**PUSH POWER**" appear in the display alternately, so press the [**FNC**] button. The system check starts within the unit. When the system check is complete, press the [**FNC**] button again.*

Selecting a mode

1. Press the **[FNC]** button to change the operation mode.
2. Each time you press the **[FNC]** button, the operation mode changes in the following order:

   Radio mode ➜ SIRIUS mode ➜ CD/MP3/WMA mode ➜ DVD deck mode ➜ CD changer mode ➜ MD changer mode ➜ DVD changer mode ➜ TV mode ➜ Radio mode...

   * External equipment not connected with CeNET is not displayed.

Adjusting the volume

Turning the **[ROTARY]** knob clockwise increases the volume; turning it counterclockwise decreases the volume.

* The volume level is from 0 (minimum) to 33 (maximum).

Switching the display

Press the **[D]** button to select the desired display.

Each time you press the **[D]** button, the display switches in the following order:

Main display ➜ Clock display ➜ Main display

* Once selected, the preferred display becomes the display default. When a function adjustment such as volume is made, the screen will momentarily switch to that function's display, then revert back to the preferred display several seconds after the adjustment.
* When you have entered a title in a CD, it appears in the main display. If you have not entered a title, "**NO TITLE**" appears in the title display instead. For information on how to enter a title, refer to the subsection "**Entering titles**" in section "**Operations Common to Each Mode**".

Setting the Beat EQ

This unit are provided with 3 types of sound tone effects stored in memory. Select the one you prefer.

* The factory default setting is "**USER CUSTOM**".

Each time you press the **[BEQ]** button, the tone effect changes in the following order:

"BASS BOOST" ➜ "IMPACT" ➜ "EXCITE" ➜ "USER CUSTOM" ➜ "TONE BYPASS" ➜ "BASS BOOST" ...

- BASS BOOST : bass emphasized
- IMPACT : bass and treble emphasized
- EXCITE : bass and treble emphasized mid de-emphasized
- USER CUSTOM : user custom
- TONE BYPASS : no sound effect

Adjusting the tone

Press the **[A-M]** button and select the item to adjust. Each time you press the **[A-M]** button, the item changes in the following order:

- **When the BEQ (BASS BOOST, IMPACT, EXCITE) is set**
  "BASS BOOST" (IMPACT, EXCITE) ➜ "BALANCE" ➜ "FADER" ➜ Function mode...
- **When the BEQ (USER CUSTOM) is set**
  "BASS" ➜ "MID" ➜ "TREBLE" ➜ "BALANCE" ➜ "FADER" ➜ Function mode...
- **When the TONE BYPASS is set**
  "BALANCE" ➜ "FADER" ➜ Function mode...

* Pressing the [**BEQ**] button for 1 second or longer while in "**USER CUSTOM**" sets flat, and displays a "**BEQ FLAT**" message.

Note:

• When the separately-sold digital sound processor (DVH920) is used, the bass and treble tone adjustments cannot be selected.

Adjusting the bass

The bass gain, bass F (center frequency) and bass Q can be adjusted as follows.

1. Press the [**A-M**] button and select "**BASS ◂GAIN▸**".
2. Press the [**◀◀**] or [**▶▶**] button and select from "**BASS ◂GAIN▸**" ➜ "**BASS ◂F 50▸**" ➜ "**BASS ◂Q 1▸**" ➜ "**BASS ◂GAIN▸**".
3. Turn the [**ROTARY**] knob clockwise or counterclockwise as needed and adjust the gain, the F (center frequency) and the Q.
   BASS GAIN : –6 to 8 (The factory default setting is "**0**")
   BASS F : 50Hz/80Hz/120Hz (The factory default setting is "**50**")
   BASS Q : 1/1.25/1.5/2 (The factory default setting is "**1**")
4. When the adjustment is complete, press the [**A-M**] button several times until the function mode is reached.

Adjusting the MID

The MID gain, MID F (center frequency) and MID Q can be adjusted as follows.

1. Press the [**A-M**] button and select MID GAIN.
2. Press the [**◀◀**] or [**▶▶**] button and select from "**MID ◂GAIN▸**" ➜ "**MID ◂F 1k▸**" ➜ "**MID ◂Q 2▸**" ➜ "**MID ◂GAIN▸**".
3. Turn the [**ROTARY**] knob clockwise or counterclockwise as needed and adjust the gain, the F (center frequency) and the Q.
   MID GAIN : –6 to 6 (The factory default setting is "**0**")
   MID F : 700Hz/1KHz/2KHz (The factory default setting is "**1k**")
   MID Q : 1.5/2 (The factory default setting is "**2**")
4. When the adfustment is complete, press the [**A-M**] button several times until the function mode is reached.

Adjusting the TREBLE

The treble gain and treble F (center frequency) can be adjusted as follows.

1. Press the [**A-M**] button and select "**TREB GAIN**".
2. Press the [**◀◀**] or [**▶▶**] button and select from "**TREB ◂GAIN▸**" ➜ "**TREB ◂F 12K▸**" ➜ "**TREB ◂GAIN▸**".
3. Turn the [**ROTARY**] knob clockwise or counterclockwise as needed and adjust the gain and the F (center frequency).
   TREB GAIN : –6 to 6 (The factory default setting is "**0**")
   TREB F : 8KHz/12KHz (The Factory default setting is "**12K**")
4. When the adjustment is complete, press the [**A-M**] button several times until the function mode is reached.

Adjusting the balance

1. Press the [**A-M**] button and select "**BALANCE**".
2. Turning the [**ROTARY**] knob clockwise emphasizes the sound from the right speaker: turning it counterclockwise emphasizes the sound from the left speaker.
   * The factory default setting is "**0**". (Adjustment range: L13 to R13)
3. When the adjustment is complete, press the [**A-M**] button several times until the function mode is reached.

Adjusting the fader

1. Press the [**A-M**] button and select "**FADER**".
2. Turning the [**ROTARY**] knob clockwise emphasizes the sound from the front speakers; turning it counterclockwise emphasizes the sound from the rear speakers.
   * The factory default setting is "**0**". (Adjustment range: F12 to R12)

3. When the adjustment is complete, press the [**A-M**] button several times until the function mode is reached.

Adjusting the Beat EQ

1. Press the [**BEQ**] button and select the Beat EQ mode (1 to 3) to adjust.
2. Press the [**A-M**] button and select "**BASS BOOST or IMPACT or EXCITE**".
3. Turning the [**ROTARY**] knob clockwise adjusts in the + direction; turning it counterclockwise adjusts in the – direction.
   * When BASS BOOST is selected, you can adjust the bass in the range of –3 to 3.
   * When IMPACT and EXCITE is selected, you can adjust the bass and treble in the range of –3 to 3.
4. When the adjustment is complete, press the [**A-M**] button several times until the function mode is reached.

Adjusting MAGNA BASS EXTEND

The MAGNA BASS EXTEND does not adjust the low sound area like the normal sound adjustment function, but emphasizes the deep bass sound area to provide you with a dynamic sound.

* The factory default setting is off.

1. Press and hold the [**A-M**] button for 1 second or longer to turn on the MAGNA BASS EXTEND effect. "**M-B EX**" lights in the display.
2. Press and hold the [**A-M**] button for 1 second or longer to turn off the MAGNA BASS EXTEND effect. "**M-B EX**" goes on in the display.

Adjusting the subwoofer output volume

* The factory default setting is "**S-VOL 0**". (Adjustment range: –6 to +6)

1. Press the [**SW-VOL** ▲▼] button to select the subwoofer volume increases or decreases.
2. Press and hold the [**SW-VOL** ▲▼] button, the subwoofer volume automatically increases or decreases.

Radio Operations

FM reception

For enhanced FM performance the MAGI·TUNER® tuner includes signal actuated stereo control, Enhanced Multi AGC, Impulse noise reduction curcuits and Multipath noise reduction circuits.

Changing the reception area

This unit is initially set to USA frequency intervals of 10kHz for AM and 200kHz for FM. When using it outside the USA, the frequency reception range can be switched to the intervals below.

● Setting the reception area

1. Press the [**BND**] button and select the desired radio band (FM or AM).
2. While pressing the [**A-M**] button and hold the number "**2**" of the [**DIRECT**] buttons for 2 seconds or longer, the reception area switches from inside the USA to outside the USA.
3. While pressing the [**A-M**] button and hold the number "**1**" of the [**DIRECT**] buttons for 2 seconds or longer, the reception area switches from outside the USA to inside the USA.
   * Any station preset memories are lost when the reception area is changed.

Listening to the radio

1. Press the [**FNC**] button and select the radio mode. The frequency in the display.
2. Press the [**BND**] button and select the radio band. Each time the button is pressed, the radio reception band changes in the following order:

   FM1 ➜ FM2 ➜ FM3 ➜ AM ➜ FM1...
3. Press the [◀◀] or [▶▶] button to tune in the desired station.

Tuning

There are 3 types of tuning mode available. seek tuning, manual tuning and preset tuning.

Seek tuning

1. Press the [**BND**] button and select the desired band (FM or AM).
   * If "**MANU**" is lit in the display, press and hold the [**BND**] button for 1 second or longer. "**MANU**" in the display goes off and seek tuning is now available.

2. Press the [◀◀] or [▶▶] button to automatically seek a station.

   When the [▶▶] button is pressed, the station is sought in the direction of higher frequencies; if the [◀◀] button is pressed, the station is sought in the direction of lower frequencies.

Manual tuning

There are 2 ways available: Quick tuning and step tuning.

When you are in the step tuning mode, the frequency changes one step at a time. In the quick tuning mode, you can quickly tune the desired frequency.

1. Press the [**BND**] button and select the desired band (FM or AM).
   - If "**MANU**" is not lit in the display, press and hold the [**BND**] button for 1 second or longer. "**MANU**" is lit in the display and manual tuning is now available.
2. Tune into a station.

●Quick tuning:

Press and hold the [◀◀] or [▶▶] button for 1 second or longer to tune in a station.

●Step tuning:

Press the [◀◀] or [▶▶] button to manually tune in a station.

Recalling a preset station

A total of 24 preset positions (6-FM1, 6-FM2, 6-FM3, 6-AM) exists to store individual radio stations in memory. Pressing the corresponding [**DIRECT**] button recalls the stored radio frequency automatically.

1. Press the [**BND**] button and select the desired band (FM or AM).
2. Press the corresponding [**DIRECT**] button to recall the stored station.
   - Press and hold one of the [**DIRECT**] buttons for 2 seconds or longer to store that station into preset memory.

Manual memory

1. Select the desired station with seek tuning, manual tuning or preset tuning.
2. Press and hold one of the [**DIRECT**] buttons for 2 seconds or longer to store the current station into preset memory.

Auto store

Auto store is a function for storing up to 6 stations that are automatically tuned in sequentially. If 6 receivable stations cannot be received, a previously stored station remains unoverwritten at the memory position.

1. Press the [**BND**] button and select the desired band (FM or AM).
2. Press and hold the [**P/A**] button for 2 seconds or longer. The stations with good reception are stored automatically to the preset channels.
   - If auto store is performed in the FM bands, the stations are stored in FM3 even if FM1 or FM2 was chosen for storing stations.

Preset scan

Preset scan receives the stations stored in preset memory in order. This function is useful when searching for a desired station in memory.

1. Press the [**P/A**] button.
2. When a desired station is tuned in, press the [**P/A**] button again to continue receiving that station.

Note:

- *Be careful not to press and hold the [**P/A**] button for 2 seconds or longer, otherwise the auto store function is engaged and the unit starts storing stations.*

Instant station recall (ISR)

Instant station recall is a special radio preset that instantly accesses a favorite radio station at a touch of a button. The ISR function even operates with the unit in other modes.

●ISR memory

1. Select the station that you wish to store in ISR memory.
2. Press and hold the [**I**] button for 2 seconds or longer.

●Recalling a station with ISR

In any mode, press the [**I**] button to turn on the radio function and tune the selected radio station. "**ISR**" appears in the display. Press the [**I**] button again to return to the previous mode.

CD/MP3/WMA Operations

MP3/WMA

What is MP3?

MP3 is an audio compression method and classified into audio layer 3 of MPEG standards. This audio compression method has penetrated into PC users and become a standard format.

This MP3 features the original audio data compression to about 10 percent of its initial size with a high sound quality. This means that about 10 music CDs can be recorded on a CD-R disc or CD-RW disc to allow a long listening time without having to change CDs.

What is WMA?

WMA is the abbreviation of Windows Media Audio, an audio file format developed by Microsoft Corporation.

Notes:

- *If you play a file with DRM (Digital Rights Management) for WMA remaining ON, no audio is output.*
- *Windows Media™, and the Windows ® logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries.*

● To disable DRM (Digital Rights Management):

1. When using Windows Media Player 7, click on TOOLS ➜ OPTIONS ➜ CD AUDIO; there, uncheck the ENABLE PERSONAL RIGHTS MANAGEMENT check box, then construct files.
2. When using Windows Media Player for Windows XP 8, click on TOOLS ➜ OPTIONS ➜ COPY MUSIC tab, then under COPY SETTINGS, unclick the check box for PROTECT CONTENT. Thereafter, reconstruct files.

   Personally constructed WMA files are used at your own responsibility.

Precautions when creating MP3/WMA disc

● Usable sampling rates and bit rates:

1. MP3: Sampling rate 8k Hz-48 kHz,
   Bit rate: 8 kbps-320 kbps / VBR
2. WMA: Bit rate 48 kbps-192 kbps

● File extensions

1. Always add a file extension "**.MP3**" or "**.WMA**" to MP3 or WMA file by using single byte letters. If you add a file extension other than specified or forget to add the file extension , the file cannot be played.
2. Files without MP3/WMA data will not play. The indication "—:—" appears in the play time display if you attempt to play files without MP3/WMA data.

● Logical format (File system)

1. When writing MP3/WMA file on a CD-R disc or CD-RW disc, please select "ISO9660 level 1, 2, 3 or JOLIET or Romeo" as the writing software format. Normal play may not be possible if the disc is recorded on another format.
2. The folder name and file name can be displayed as the title during MP3/WMA play but the title must be within 128 single byte alphabetical letters and numerals (including an extension).
3. Do not affix a name to a file inside a folder having the same name.

● Folder structure

1. A disc with a folder having more than 8 hierarchical levels will be impossible.

● Number of files or folders

1. Up to 255 files can be recognized per folder. Up to 500 files can be played.
2. Tracks are played in the order that they were recorded onto a disc. (Tracks might not always be played in the order displayed on the PC.)
3. Some noise may occur depending on the type of encoder software used while recording.

Multisession function

When a disc contains both normal CD type tracks and MP3/WMA type tracks mixedly, you can select which type of the recorded tracks to play.

● Default value is "**CD**".

Each time you press and hold the **[BND]** button for about 1 second, the mixed mode is switched between CD type or MP3/WMA type. The following indication appears in the title display when switching the track type to be played.

● Display when CD type track is selected:

M-SESS CD

● Display when MP3/WMA type track is selected:

M-SESS MP3

1. Types of recording that can be played are as follows.

Disc \ Setting	Set to CD	Set to MP3/WMA
Mixed with CD and MP3/WMA type tracks	Play CD	Play MP3/WMA
CD type track only	Play CD	Play CD
MP3/WMA type track only	Play MP3/WMA	Play MP3/WMA

2. After making these settings, remove the disc and then reinsert it.
3. When a mixed mode CD is loaded and CD is set, the track to be played first is MP3/WMA file data and no sound is heard.

Disc-In-Play function

As long as the ignition key is turned to the ON or ACC position, this function allows you to turn the power to the unit and start playing the disc automatically when the disc is inserted even if the power is not turned on.

⚠CAUTION

- **Do not try to put your hand or fingers in the disc insertion slot. Also never insert foreign objects into the slot.**
- **Do not insert discs where adhesive comes out from cellophane tape or a rental CD label, or discs with marks where cellophane tape or rental CD labels were removed. It may be impossible to extract these discs from the unit and they may cause the unit to break down.**

Backup Eject function

Just pressing the [⏏] button ejects the disc even if the power to the unit was not turned on.

1. Press the [⏏] button. Remove the disc after it is ejected.

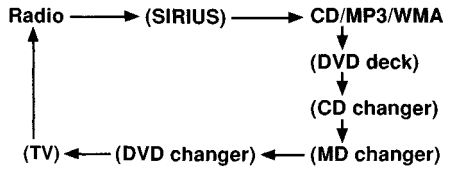
Listening to a disc already loaded in the unit

Press the **[FNC]** button to select the CD/MP3/WMA mode.

When the unit enters the CD/MP3/WMA mode, play starts automatically.

If there is no disc loaded, the indication "***NO DISC***" appears in the title display.

※ The mode changes each time the **[FNC]** button is pressed. (Modes are not displayed for equipment that is not connected.)



Loading a CD

1. Press the [⏏] button. The SLOPING CONSOLE opens.
2. Insert a CD into the center of the CD SLOT with the label side facing up. The CD plays automatically after loading.

Notes:

- *Never insert foreign objects into the CD SLOT.*
- *If the CD is not inserted easily, there may be another CD in the mechanism or the unit may require service.*
- *Discs not bearing the COMPACT disc DIGITAL AUDIO or COMPACT disc DIGITAL AUDIO TEXT mark and CD-ROMs cannot be played by this unit.*
- *Some CDs recorded in CD-R/CD-RW mode may not be usable.*

Loading 8 cm compact discs

※ No adapter is required to play an 8 cm CD.

※ Insert the 8 cm CD into the center of the insertion slot.

⚠CAUTION

Be careful not to catch your hand or fingers while closing the SLOPING CONSOLE.

Notes:

- *If the SLOPING CONSOLE does not open fully, gently open with your hand.*
- *After loading a CD, always close the SLOPING CONSOLE.*

Pausing play

1. Press the [▶❚❚] button to pause play. "**PAUSE**" appears in the display.
2. To resume CD play, press the [▶❚❚] button again.

Displaying CD titles

This unit can display title data for CD-text/MP3/WMA disc and user titles input with this unit.

1. Press the **[D]** button to display the title.
2. Each time you press and hold the **[D]** button for 1 second or longer, the title display changes in the following order:

● CD-Text disc

User title (disc) ➜ CD-text title (disc) ➜ Artist name ➜ CD-text title (track) ➜ User title (disc)...

●MP3/WMA disc

Folder ➜ File ➜ Album TAG ➜ Artist TAG ➜ Title TAG ➜ Folder...

Notes:

- *If the CD playing is not a CD-text CD or no user title has been input, "**NO TITLE**" appears in the display.*
- *If MP3/WMA disc is not input TAG, "**NO TAG**" appears in the display.*
- *For MP3, supports ID3 Tags V2.3 / 2.2 / 1.1 / 1.0.*
- *Tag displays give priority to V2.3 / 2.2*
- *In the case of album Tags for WMA, the information written into the extension header is displayed.*
- *Only ASCII characters can be displayed in Tags.*

Selecting a track

●Track-up

1. Press the [▶▶] button to move ahead to the beginning of the next track.
2. Each time you press the [▶▶] button, the track advances ahead to the beginning of the next track.

●Track-down

1. Press the [◀◀] button to move back to the beginning of the current track.
2. Press the [◀◀] button twice to move to the beginning of the previous track.

Fast-forward/fast-backward

●Fast-forward

Press and hold the [▶▶] button for 1 second or longer.

●Fast-backward

Press and hold the [◀◀] button for 1 second or longer.

* For MP3/WMA discs, it takes some time until the start of searching and between tracks. In addition, the playing time may have a margin of error.

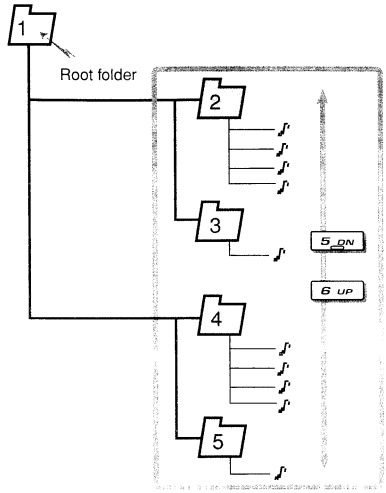
Folder Select

This function allows you to select a folder containing MP3/WMA files and start playing from the first track in the folder.

1. Press [**DN**] or [**UP**] button.

   Pressing [**DN**] button to move the previous play list.

   Pressing [**UP**] button to move the next play list.



* Press [**UP**] button while in the final folder to shift to the first folder.
* Folder without an MP3/WMA file is not selectable.

2. To select a track, press the [◀◀] or [▶▶] of button.

Top function

The top function resets the CD player to the first track of the disc. Press the [**BND**] button to play the first track (track No. 1) on the disc.

* In case of MP3/WMA, the first track of a folder being played will be returned.

Scan play

This function allows you to locate and play the first 10 seconds of all the tracks recorded on a disc.

1. Press the [**SCN**] button to perform scan play.

   The indication "**SCN**" lights up in the display, and "***TRK SCAN***" (or "***♪-SCAN***" when searching for a track in the MP3/WMA file) appears in the title display for about 2 seconds, then scan play starts.

   * Scan play starts from the next track after the track currently being played.

2. To cancel scan play, press the [**SCN**] button again.

   The play status indication such as "**SCN**" disappears from the display and the current track is played.

Folder scan play

This function allows you to locate and play the first 10 seconds of the first track of all the folders on an MP3/WMA disc.

1. Press and hold the [**SCN**] button for about 1 second to folder scan play.

   The indications "**FOLDER**" and "**SCN**" light up in the display and "***SCAN***" appears for about 2 seconds in the title display, and then folder scan play starts.

   * Folder scan play starts from the next track after the track currently being played.

2. To cancel folder scan play, press the [**SCN**] button again.

   The play status indications such as "**FOLDER**" and "**SCN**" disappear from the display and the current track is played.

Repeat play

This function allows you to play the current track repeatedly.

1. Press the [**RPT**] button to perform repeat play.

   The indication "**RPT**" lights up in the display and "***TRK REPEAT***" (or "***-REPEAT***" when performing repeated play for a track in the MP3/WMA file) appears for about 2 seconds in the title display, and then repeat play starts.

2. To cancel repeat play, press the [**RPT**] button again.

   The play status display such as "**RPT**" disappears from the display and normal play resumes from the track currently being played.

Folder repeat play

This function allows you to play a track currently being played in the MP3/WMA folder repeatedly.

1. Press and hold the [**RPT**] button for about 1 second to perform folder repeat play.

   The indications "**FOLDER**" and "**RPT**" light up in the display and "***-REPEAT***" appears for about 2 seconds in the title display, and then folder repeat play starts.

2. To cancel folder repeat play, press the [**RPT**] button again.

   The play status indications such "**FOLDER**" and "**RPT**" disappear from the display and normal play resumes from the track currently being played.

Random play

This function allows you to play all tracks recorded on a disc in a random order.

1. Press the [**RDM**] button to perform random play.

   The indication "**RDM**" lights up in the display and "***TRK RANDOM***" (or "***-RANDOM***" when performing random play for tracks on a MP3/WMA disc) appears in the title display for about 2 seconds, and then random play starts. The tracks on the disc are then played in a random order.

2. To cancel random play, press the [**RDM**] button again.

   The play status indication such as "**RDM**" disappears from the display and normal play resumes from the track currently being played.

Folder random play

This function allows you to play all the tracks of all the folders recorded on an MP3/WMA disc in a random order.

1. Press and hold the [**RDM**] button for about 1 second to perform folder random play.

   The indications "**FOLDER**" and "**RDM**" light up in the display and "***-RANDOM***" appear in the title display for about 2 seconds, and then folder random play starts.

2. To cancel folder random play, press the [**RDM**] button again.

   The play status indications such as "**FOLDER**" and "**RDM**" disappear from the display and normal play resumes from the track currently being played.

Play list mode

This function allows you to play tracks up to latest 5 time stamps, by reading the play list information written on the disc.

1. Press and hold the [**PLAY LIST**] button for 1 second or longer to turn on or off the play list mode.

   * Play list play is possible only when there is a file whose extension is "**.M3U**" or "**.ASX**" on the CD-R/RW.

   * Up to 5 play lists can be recognized, and up to 255 files can be recognized per play list.

2. Press the [◀◀] or [▶▶] buttons to change the track.

3. Press [**DN**] button to move to the previous play list.
   Press [**UP**] button to move to the next play list.

Notes:

- *The SCN/RPT/RDM functions cannot be used while in the play list mode.*
- *The title display changes from folder name to play list name.*

Making a play list

1. Write desired tracks to a CD-R/RW, etc. Be sure to use alphanumeric/ASCII characters for all file names.
2. Make a play list by using a multimedia player, etc. and save the data. The file format must be M3U or ASX.
3. Again, write this play list to the CD-R/RW, etc.

Notes:

- *When writing to a CD-R/RW, etc., be sure to use alphanumeric/ASCII characters.*
- *Up to 5 layers can be recognized as a list. For written play lists, latest 5 lists are recognized in the order in which they are written.*
- *When writing to a CD-R/RW, etc., turn off the Disc At Once function.*
- *When adding a play list, it is recommended to write it in the "**Root**" folder.*

Operations Common to Each Mode

LCD type

You can setting LCD type NEGA or POSI.

* The factory default setting is "**NEGA**".

1. Press and hold the [**T**] button for 1 second or longer to switch to the adjustment selection display.
2. Press the [◀◀] or [▶▶] button to select "**LCD TYPE**".
3. Turn the [**ROTARY**] knob clockwise to "**LCD POSI**" and counterclockwise to "**LCD NEGA**".

Turning the screen saver function on or off

This unit is provided with the screen saver function which allows you to show various kinds of patterns and characters in the Operation Status indication area of the display in a random order. You can turn on and off this function.

If the button operation is performed with the screen saver function on, the operation display corresponding to the button operation is shown for about 30 seconds and the display returns to the screen saver display.

* The factory default setting is "**RANDOM**".

1. Press and hold the [**T**] button for 1 second or longer to switch to the adjustment selection deisplay.
2. Press the [◀◀] or [▶▶] button to select "**SCRN SVR**".
3. Press the [▶❚❚] button.
4. Turn the [**ROTARY**] knob clockwise or counterclockwise to select the setting. Each time you turn the [**ROTARY**] knob, the setting changes in the following order:
   OFF → PTN1 → PTN2 → PTN3 → MESSAGE → RANDOM
5. Press [▶❚❚] button to store the setting.
6. Press the [**T**] button to return to the previous mode.

Entering MESSAGE INFORMATION

Message up to 30 characters long can be stored in memory and displayed for CD, CD changer and TV stations.

* The factory default setting is "**Welcome to Clarion**".

1. Press and hold the [**T**] button for 1 second or longer to switch to the adjustment selection display.
2. Press the [◀◀] or [▶▶] button to select "**MSG INPUT**".
3. Press the [▶❚❚] button.
4. Press the [◀◀] or [▶▶] button to move the cursor.
5. Press the [**D**] button to select a character. Each time you press the [**D**] button, the character changes in the following orders:

   Numbers ➜ Symbols ➜ Umlaut ➜ Capital letters ➜ Numbers...
6. Turn the [**ROTARY**] knob clockwise or counterclockwise to select the desired character.
7. Repeat step 4 to 6 to enter up to 30 characters for message.
8. Press and hold the [▶❚❚] button for 2 seconds or longer to store the message in memory and cancel input message.

Message display

When the unit is powered on or off, a message is displayed. The user can turn this message display ON or OFF.

* The factory default setting is "**ON**".

1. Press and hold the [**T**] button for 1 second or longer to switch to the adjustment selection display.
2. Press the [◀◀] or [▶▶] button to select "**MESSAGE**".
3. Turn the [**ROTARY**] knob clockwise or counterclockwise to set the message display "**ON**" or "**OFF**".
4. Press the [**T**] button to return to the previous mode.

Setting the method for title scroll

Set how to scroll in CD-TEXT or MD/MP3/WMA.

* The factory default setting is "**ON**".

1. Press and hold the [**T**] button for 1 second or longer to switch to the adjustment selection display.
2. Press the [◀◀] or [▶▶] button to select "**AUTO SCROLL**".
3. Turn the [**ROTARY**] knob clockwise or counterclockwise and select "**ON**" or "**OFF**".

   ● **ON:**

   To scroll automatically.

   ● **OFF:**

   To scroll just 1 time when the title was changed or the title key was pressed.
4. Press the [**T**] button to return to the previous mode.

Dimmer level

1. Press the [**T**] button for 1 second or longer to enter ADJ mode.
2. Press the [◀◀] or [▶▶] button to select the "**DIMMER LV**".
3. Turn the [**ROTARY**] knob clockwise or counterclockwise to adjust Dimmer level.
4. Press the [**T**] button to return to the previous mode.

   * Adjustment range is OFF to LV5.
   * Factory default setting is LV3.

Adjusting the display contrast

You can adjust the display contrast to match the angle of installation of the unit.

* The factory default setting is "**8**". (Adjustment level:1to 18)

1. Press and hold the [**T**] button for 1 second or longer to switch to the adjustment selection display.
2. Press the [◀◀] or [▶▶] button to select "**CONTRAST**".
3. Turn the [**ROTARY**] knob clockwise or counterclockwise to adjust the contrast.
4. Press the [**T**] button to return to the previous mode.

Anti-theft indicator

The red Anti-theft indicator is a function for preventing theft. When the DCP is removed from the unit, this indicator blinks.

* The factory default setting is "**OFF**".

1. Press and hold the [T] button for 1 second or longer to switch to the adjustment selection display.
2. Press the [◀◀] or [▶▶] button and select "**BLINK LED**".
3. Turn the [**ROTARY**] knob clockwise to set this function "**ON**" or turn it counterclockwise to switch this function "**OFF**".
4. Press the [T] button to return to the previous mode.

Setting the Subwoofer

* The factory default setting is "**SUB-W ON**".

1. Press and hold the [T] button for 1 second or longer to switch to the adjustment selection display.
2. Press the [◀◀] or [▶▶] button and select "**SUB-WOOFER**".
3. Turn the [**ROTARY**] knob clockwise or counterclockwise and select "**ON**" or "**OFF**".
4. Press the [T] button to return to the previous mode.

Setting LOW PASS FILTER

* The factory default setting is "**THRGH**".

1. Press and hold the [T] button for 1 second or longer to switch to the adjustment selection display.
2. Press the [◀◀] or [▶▶] button to select "**SUB-W LPF**".
3. Turn the [**ROTARY**] knob clockwise or counterclockwise to select the setting. Each time you turn the [**ROTARY**] knob, the setting changes in the following order:

   THRGH → LPF 50 → LPF 80 → LPF 120
4. Press the [T] button to return to the previous mode.

AUX function

This system has an external input jack so you can listen to sounds and music from external devices connected to this unit.

Selecting AUX IN sensitivity

Make the following settings to select the sensitivity when sounds from external devices connected to this unit are difficult to hear even after adjusting the volume.

* The factory default setting is "**MID**".

1. Press and hold the [T] button for 1 second or longer to switch to the adjustment selection display.
2. Press the [◀◀] or [▶▶] button to select "**AUX SENS**".
3. Turn the [**ROTARY**] knob clockwise or counterclockwise as needed and select from "**HIGH**", "**MID**" or "**LOW**".
4. Press the [T] button to return to the previous mode.

Triggered audio mute for cellular telepones

This unit requires special wiring to mute the audio signal automatically when a cellular telephone rings in the car.

* This function is not compatible with all cellular telepones Contact your local authorized Clarion dealer for information on proper installation and compatibility.

Setting the clock

1. Press and hold the [T] button for 1 second or longer to switch to the adjustment selection display.
2. Press the [◀◀] or [▶▶] button to select "**CLOCK**".
3. Press the [▶❚❚] button.
4. Press the [◀◀] or [▶▶] button to select the hour or the minute.
5. Turn the [**ROTARY**] knob clockwise or counterclockwise to set the correct time.

   * The clock is displayed in 12-hour format.
6. Press the [▶❚❚] button to store the time into memory.
7. Press the [T] button to return to the previous mode.

Note:

- *You cannot set the clock when it is displayed with only the ignition on. If you drain or remove the car's battery or take out this unit, the clock is reset. While setting the clock, if another button or operation is selected, the clock set mode is canceled.*

Setting the button illumination

Press the [**COLOR**] button to select a color type. Each time you press the [**COLOR**] button, the type changes in the following orders:

COLOR SCAN ➜ Indigo Blue ➜ Surf Blue ➜ Silky White ➜ Aqua Green ➜ Fresh Green ➜ Leaf Green ➜ Moon Yellow ➜ Warm Amber ➜ Pale Orange ➜ Passion Red ➜ Vivid Pink ➜ Dark Violet ➜ USER COLOR 1 ➜ USER COLOR 2 ➜ USER COLOR 3 ...

●Setting COLOR SCAN mode

As selecting "**COLOR SCAN**", the color automatically changes.

* The factory default setting is "**COLOR SCAN**".
* After 3 second the color change to the other.

●Setting USER mode

The factory default setting is "**R▸8 G▸8 B▸8**".

As selecting "**USER COLOR 1, 2, 3**", press and hold the [**COLOR**] button 1 second or longer "**R▸8 G▸8 B▸8**" appears in the display.

1. Press the [◀◀] or [▶▶] button to move the cursor.
2. Turn the [**ROTARY**] knob to select from 0 to 8.
3. Press and hold the [▶❚❚] button for 2 seconds or longer to store the color in memory and cancel setting mode.

COLOR	R	G	B
Indigo Blue	0	0	8
Surf Blue	0	4	8
Silky White	6	8	8
Aqua Green	0	8	2
Fresh Green	0	8	0
Leaf Green	3	8	0
Moon Yellow	8	6	0
Warm Amber	8	3	0
Pale Orange	8	2	0
Passion Red	8	0	0
Vivid Pink	8	0	3
Dark Violet	3	0	8
USER COLOR 1	8	8	8
USER COLOR 2	8	8	8
USER COLOR 3	8	8	8

Entering titles

Titles up to 10 characters long can be stored in memory and displayed for Radio, CD, CD changer, tuner station and TV stations. The number of titles that can be entered for each mode are as follows.

Mode	Number of titles
CD mode	50 titles
TV mode	20 titles
TUNER mode	30 titles

CD changer mode	Number of titles
DCZ625 connected	100 titles
CDC655Tz connected	100 titles
CDC1255z connected	50 titles

1. Press the [**FNC**] button to select the mode you want to enter a title (Radio, CD, CD changer or TV).
2. Select and play a CD in the CD changer or tune in to a TV station for which you want to enter the title.
3. Press the [**D**] button and display the main.
4. Press the [**T**] button.
5. Press the [◀◀] or [▶▶] button to move the cursor.
6. Press the [**D**] button to select a character. Each time you press the [**D**] button, the character changes in the following order:

   Capital letters ➜ Small letters ➜ Numbers/ Symbols ➜ Umlaut ➜ Capital letters...
7. Turn the [**ROTARY**] knob to select the desired character.
8. Repeat steps 5 to 7 to enter up to 8 characters for the title.
9. Press and hold the [▶❚❚] button for 2 seconds or longer to store the title into memory and cancel title input mode.

Clearing titles

1. Select and play a CD in the CD changer or tune in to a TV station for which you want to clear the title.
2. Press the [**D**] button and display the main.
3. Press the [**T**] button.
   The display switches to the title input display.
4. Press the [**BND**] button.
5. Press and hold the [▶❚❚] button for 2 second or longer to clear the title and cancel title input mode.

English

8. OPERATIONS OF ACCESSORIES

CD/MD Changer Operations

CD/MD changer functions

When an optional CD/MD changer is connected through the CeNET cable, this unit controls all CD/MD changer functions. This unit can control a total of 2 changers.

Press the **[FNC]** button and select the CD(MD) changer mode to start play. If 2 CD(MD) changers are connected, press the **[FNC]** button to select the CD(MD) changer for play.

- If "**NO MAGAZINE**" appears in the display, insert the magazine into the CD changer. "**LOADING**" appears in the display while the player loads (checks) the magazine.
- If "**NO DISC**" appears in the display, eject the magazine and insert discs into each slot. Then, reinsert the magazine back into the CD changer.
- If "**NO DISC**" appears in the display, load MDs into the MD changer.

Note:

- *Some CDs recorded in CD-R/CD-RW mode may not be usable.*

⚠CAUTION

CD-ROM discs cannot be played from every CD changer, it's depended on the model.

Pausing play

1. Press the **[▶II]** button to pause play. "**PAUSE**" appears in the display.
2. To resume play, press the **[▶II]** button again.

Displaying CD titles

This unit can display title data for CD-text CDs and user titles input with this unit.

- Title data for CD-text CDs can be displayed with this unit only when it is connected to CDC655Tz

●When connected to CDC655z or CDC1255z.

Press the **[D]** button to display the title.

●When connected to DCZ625 or CDC655Tz

1. Press the **[D]** button to display the title.
2. Each time you press and hold the **[D]** button for 1 second or longer, the title display changes in the following order:

   User title (disc) ➜ CD-text title (disc)➜ Artist title ➜ CD-text title (track) ➜ User title (disc)...

Notes:

- *If the CD playing is not a CD-text CD or no user title has been input, "**NO TITLE**" appears in the display.*
- *If a CD-text CD is not input its disc title or a track title, "**NO TITLE**" appears in the display.*

Switching disc titles and track titles (MD)

This unit can display disc titles and track titles already entered on MDs.

- Titles cannot be entered for MDs with this unit.

1. Press **[D]** button to display the title. The disc title or track title is displayed.
2. Each time you press and hold the **[D]** button for 1 second or longer, the display toggles between the disc title and the track title.

Note:

- *If an MD is not input its disc title or a track title, "**NO TITLE**" appears in the display.*

Procedure to scroll a title

Set "**AUTO SCROLL**" to "**ON**" or "**OFF**".

(The factory default setting is "**ON**". Refer to the subsection "**Turning the screen saver function on or off**" in section "**Operation Common to Each Mode**".)

●When set to "ON"

The title is automatically kept scrolling.

●When set to "OFF"

Press the **[T]** button to scroll the title.

Selecting a CD

[DN] or **[UP]** button correspond to a disc load in the magazine.

Press the **[DN]** or **[UP]** button to select the desired disc.

- If a CD is not loaded in a slot of magazine, "**NO DISC**" appears in the display.

Selecting a MD

[DN] or **[UP]** button correspond to a MD load in the MD changer. Press the **[DN]** or **[UP]** button to select the desired disc.

- If a MD is not loaded in a slot of MD changer, "**NO DISC**" appears in the display.

Selecting a track

●Track-up

1. Press the [▶▶] button to move ahead to the beginning of the next track.
2. Each time you press the [▶▶] button, the track advances ahead to the beginning of the next track.

●Track-down

1. Press the [◀◀] button to move back to the beginning of the current track.
2. Press the [◀◀] button twice to move to the beginning of the previous track.

Fast-forward/fast-backward

●Fast-forward

Press and hold the [▶▶] button for 1 second or longer.

●Fast-backward

Press and hold the [◀◀] button for 1 second or longer.

Scan play

Scan play locates and plays the first 10 seconds of each track on a disc automatically. This function continues on the disc until it is cancelled.

- The scan play is useful when you want to select a desired track.

1. Press the [**SCN**] button to start track scanning. "**SCN**" lights in the display.
2. To cancel the scan play, press the [**SCN**] button again. "**SCN**" goes off from the display and the current track continues to play.

Disc scan play

Disc scan play locates and plays the first 10 seconds of the first track on each disc in the currently selected CD (MD) changer. This function continues automatically until it is cancelled

- Disc scan play is useful when you want to select a desired CD (MD).

1. Press and hold the [**SCN**] button for 1 second or longer. "**DISC**" and "**SCN**" light in the display and disc scan play starts.
2. To cancel disc scan play, press the [**SCN**] button again. "**DISC**" and "**SCN**" go off from the display and the current track continues to play.

Repeat play

Repeat play continuously plays the current track. This function continues automatically until it is cancelled.

1. Press the [**RPT**] button. "**RPT**" lights in the display and the current track is repeated.
2. To cancel repeat play, press the [**RPT**] button again. "**RPT**" goes off from the display and normal play resumes.

Disc repeat play

After all the tracks on the current disc have been played, disc repeat play automatically replays the current disc over from the first track. This function continues automatically until it is cancelled.

1. Press and hold the [**RPT**] button for 1 second or longer. "**DISC**" and "**RPT**" light in the display and disc repeat play starts.
2. To cancel disc repeat play, press and hold the [**RPT**] button again. "**DISC**" and "**RPT**" go off from the display and normal play resumes on the current track.

Random play

Random play selects and plays individual tracks on the disc in no particular order. This function continues automatically until it is cancelled.

1. Press the [**RDM**] button. "**RDM**" lights in the display and random play begins.
2. To cancel random play, press the [**RDM**] button again. "**RDM**" goes off from the display and normal play resumes.

Disc random play

The disc random play selects and plays individual tracks or discs automatically in no particular order. This function continues automatically until it is cancelled.

1. Press and hold the [**RDM**] button for 1 second or longer. "**DISC**" and "**RDM**" light in the display and disc random play starts.
2. To cancel disc random play, press and hold the [**RDM**] button again. "**DISC**" and "**RDM**" go off from the display and normal play resumes from the current track.

TV Operations

TV tuner functions

When an optional TV tuner is connected through the CeNET cable, this unit controls all TV tuner functions. To watch TV requires a TV tuner and monitor.

Watching a TV

1. Press the [**FNC**] button and select the TV mode.
2. Press the [**BND**] button to select the desired TV band (TV1 or TV2). Each time the button is pressed, the input selection toggles between TV1 and TV2.
3. Press the [◀◀] or [▶▶] button to tune in the desired TV station.

Watching a video

The TV tuner has a VTR input terminal to which 1 external device can be connected. Connect a 12 V video cassette player (VCP) or video cassette recorder (VCR) to the TV tuner input terminal.

1. Press the [▶❚❚] button to select VTR.
2. To return to the TV broadcast, press the [▶❚❚] button.

Tuning

There are 3 types of tuning mode available, Seek tuning, manual tuning and preset tuning.

Seek tuning

1. Press the [**BND**] button and select the desired TV band (TV1 or TV2).
   * If "**MANU**" is lit in the display, press and hold the [**BND**] button for 1 second or longer. "**MANU**" in the display goes off and seek tuning is now available.
2. Press the [◀◀] or [▶▶] button to automatically seek a station. Press the [▶▶] button to automatically tune up the frequency band to the next available TV station; press the [◀◀] button to automatically tune down.

Manual tuning

There are 2 ways available: Quick tuning and step tuning.

When you are in the step tuning mode, the frequency changes one step at a time. In the quick tuning mode, you can quickly tune the desired frequency.

1. Press the [**BND**] button and select the desired band (TV1 or TV2).
   * If "**MANU**" is not lit in the display, press and hold the [**BND**] button for 1 second or longer. "**MANU**" lights in the display and manual tuning is now available.
2. Tune into a station.

● **Quick tuning:**

Press and hold the [◀◀] or [▶▶] button for 1 second or longer to tune in a station.

● **Step tuning:**

Press the [◀◀] or [▶▶] button to manually tune in a station.

Recalling a preset station

A total of 12 TV stations can be stored (6-TV1 and 6-TV2). This allows you to select your favorite TV stations and store them in memory for later recall.

1. Press the [**BND**] button and select the desired TV band (TV1 or TV2).
2. To recall a stored TV station, press the desired [**DIRECT**] button to select that station.
   * Press and hold one of the [**DIRECT**] buttons for 2 seconds or longer to store the current station into preset memory.

Manual memory

1. Select the desired station with seek tuning, manual tuning or preset tuning.
2. Press and hold one of [**DIRECT**] buttons for 2 seconds or longer to store the current station into preset memory.

Auto store

Auto store selects 6 TV stations automatically and stores each one into preset memory.

If there are not 6 stations with good reception, stations previously stored in memory remain and only the strong stations are stored into memory.

1. Press the [**BND**] button and select the desired TV band (TV1 or TV2).
2. Press and hold the [**P/A**] button for 2 seconds or longer. The stations with good reception are stored automatically to the preset channels.

Preset scan

Preset scan allows the user to view each preset position before it automatically advances to the next preset. This function is useful for searching for a desired TV station in memory.

1. Press the [**P/A**] button.
2. When the desired station is found, press the [**P/A**] button again to remain tuned to that station.

Note:

- *Do not press and hold the [P/A] button for 2 seconds or longer. Doing so will trigger the auto store function and start storing stations into memory.*

Setting the TV diver

You can change the reception setting for the TV antenna connected to the TV tuner.

1. Press and hold the [**T**] button for 1 second or longer to switch to the adjustment selection display.
2. Press the [◀◀] or [▶▶] button to select "**TV DIVER**".
3. Turn the [**ROTARY**] knob clockwise to set to "**ON**" or counterclockwise to set to "**OFF**".

   ● **ON:**

   Sets reception emphasizing the visual.

   ● **OFF:**

   Sets the diver setting to OFF.
4. Press the [**T**] button to return to the previous mode.

DVD DECK Operations

Operation

● Play/Still operation

Press the [▶❚❚] button to select the desired mode (play, still (pause)).

Each time the button is pressed, the mode changes cyclically.

● Chapter up/down operation (FF/FB operation)

Press the [▶▶] button for 1 second or shorter to increment chapters.

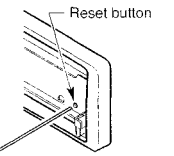
Hold down the [▶▶] button for 1 second or longer to fast forward.

Press the [◀◀] button for 1 second or shorter to decrement chapters.

Hold down the [◀◀] button for 1 second or longer to fast backward.

English

9. IN CASE OF DIFFICULTY

	Problem	Cause	Measure
General	Power does not turn on. (No sound is produced.)	Fuse is blown.	Replace with a fuse of the same amperage. If the fuse blows again, consult your store of purchase.
		Incorrect wiring.	Consult your store of purchase.
	No sound output when operating the unit with amplifiers or power antenna attached.	Power antenna lead is shorted to ground or excessive current is required for remote-on the amplifiers or power antenna.	1. Turn the unit off. 2. Remove all wires attached to the power antenna lead. Check each wire for a possible short to ground using an ohm meter. 3. Turn the unit back on. 4. Reconnect each amplifier remote wire to the power antenna lead one by one. If the amplifiers turn off before all wires are attached, use an external relay to provide remote-on voltage (excessive current required).
	Nothing happens when buttons are pressed. Display is not accurate.	The microprocessor has malfunctioned due to noise, etc.	Turn off the power, then press the **[RELEASE]** button and remove the DCP. Press the reset button for about 2 seconds with a thin rod. 
		DCP or main unit connectors are dirty.	Wipe the dirt off with a soft cloth moistened with cleaning alcohol.
	No sound heard.	The speaker protection circuit is operating	1. Turn down sound volume. Function can also be restored by turning the power off and on again. (Speaker volume is reduced automatically when the speaker protection circuit operates). 2. If the sound is muted again, consult our service department.
CD/MP3/WMA	No sound heard.	MP3/WMA files are absent in a disc.	Write MP3/WMA files onto the disc properly.
		Files are not recognized as an MP3/WMA file.	Use MP3/WMA files encoded properly.
		File system is not correct.	Use ISO9660 level 1, 2, 3 or JOLIET or Romeo file system.
	Sound skips or is noisy	Disc is dirty	Clean the disc with a soft cloth.
		Disc is heavily scratched or warped.	Replace with a disc with no scratches.
	Sound is cut or skipped. Noise is generated or noise is mixed with sound.	MP3/WMA files are not encoded properly.	Use MP3/WMA files encoded properly.

	Problem	Cause	Measure
CD/MP3/WMA	Sound is bad directly after power is turned on.	Water droplets may form on the internal lens when the car is parked in a humid place.	Let dry for about 1 hour with the power on.
	Wrong filename	File system is not correct.	Use ISO9660 level 1, 2, 3 or JOLIET or Romeo file system.
	Play list play is not performed.	File name or extension is not correct.	Use alphanumeric/ASCII characters for MP3/WMA file name. Use "**.M3U**" or "**.ASX**" for the file extension of a play list.

English

10. ERROR DISPLAYS

If an error occurs, one of the following displays is displayed.
Take the measures described below to eliminate the problem.

	Error Display	Cause	Measure
CD/MP3/WMA	ERROR 2	A DISC is caught inside the CD deck and is not ejected.	This is a failure of CD deck's mechanism and consult your store of purchase.
	ERROR 3	A DISC cannot be played due to scratches, etc.	Replace with a non-scratched, non-warped-disc.
	ERROR 6	A DISC is loaded upside-down inside the CD deck and does not play.	Eject the disc then reload it properly.
CD changer	ERROR 2	A DISC inside the CD changer is not loaded.	This is a failure of CD changer's mechanism and consult your store of purchase.
	ERROR 3	A DISC inside the CD changer cannot be played due to scratches, etc.	Replace with a non-scratched, non-warped disc.
	ERROR 6	A DISC inside the CD changer cannot be played because it is loaded upside-down.	Eject the disc then reload it properly.
MD changer	ERROR H	Displayed when the temperature in the MD changer is too high and playback has been stopped automatically.	Lower the surrounding temperature and wait for a while to cool off MD changer
	ERROR 2	An MD inside the MD changer is not loaded.	This is a failure of MD changer's mechanism and consult your store of purchase.
	ERROR 3	An MD inside the MD changer cannot be played due to scratches, etc.	Replace with a non-scratched, non-warped disc.
	ERROR 6	An MD inside the MD changer cannot be played because it is loaded upside-down	Eject the disc then reload it properly
		Displayed when a non-recorded MD is loaded in the MD changer.	Load a pre-recorded MD in the MD changer.

	Error Display	Cause	Measure
DVD changer	**ERROR 2**	A DISC inside the DVD changer cannot be played.	This is a failure of DVD mechanism and consult your store of purchase.
	ERROR 3	A DISC cannot be played due to scratches, etc.	Retry or replace with a non-scratched, non-warped-disc.
	ERROR 6	A DISC inside the DVD changer cannot be played because it is loaded upside-down.	Eject the disc then reload it properly
	ERROR P	Parental level error	Set the correct Parental level.
	ERROR R	Region code error	Eject the disc and replace correct region code disc.

If an error display other than the ones described above appears, press the reset button. If the problem persists, turn off the power and consult your store of purchase.

English

11. SPECIFICATIONS

FM Tuner

Frequency Range:
87.9 MHz to 107.9 MHz

Usable Sensitivity:
9 dBf

50dB Quieting Sensitivity:
15 dBf

Alternate Channel Selectivity:
70 dB

Stereo Separation (1 kHz):
35 dB

Frequency Response (±3 dB):
30 Hz to 15 kHz

AM Tuner

Frequency Range:
530 kHz to 1710 kHz

Usable Sensitivity:
25 µV

CD Player

System:
Compact disc digital audio system

Usable Discs:
Compact disc

Frequency Response (±1 dB):
5 Hz to 20 kHz

Signal to Noise Ratio (1 kHz):
100 dBA

Dynamic Range (1 kHz):
95 dB

Harmonic Distortion:
0.01%

Channel Separation (1 kHz):
85 dB

Audio

Maximum Power Output:
212 W (53 W × 4 ch)

Continuous Average Power Output:
18 W × 4, into 4 Ω, 20 Hz to 20 kHz, 1%THD

Bass Control Action (50 Hz/80 Hz/120 Hz):
+16 dB, –12 dB

Mid Control Action (700 Hz/1 kHz/2 kHz):
±12 dB

Treble Control Action (8 kHz/12 kHz):
±12 dB

Line Output Level (CD 1 kHz):
4 V

General

Power Supply Voltage:
14.4 V DC (10.8 to 15.6 V allowable), negative ground

Current Consumption:
Less than 15 A

Speaker Impedance:
4 Ω (4 Ω to 8 Ω allowable)

Weight / Source unit:
3.52 lb. (1.6 kg)

Weight / Remote control unit:
1 oz. (30 g) (including battery)

Dimensions / Source unit:
7" (Width) × 2" (Height) × 6-1/8" (Depth)
[178 (W) × 50 (H) × 155 (D) mm]

Dimensions / Remote control unit:
1-3/4" (Width) × 4-5/16" (Height) × 1-1/8" (Depth)
[44 (W) × 110 (H) × 27 (D) mm]

Notes:
- Specifications and design are subject to change without notice for further improvement.

Clarion Co., Ltd.

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2002/12 (A·C)

PE-2564B
280-7906-00

281-0624-00 2002/4 (A)

Clarion

LIMITED WARRANTY INFORMATION

For USA and Canada only

This product is warranted against all defects in material workmanship for a period of one year from the date of original purchase. Clarion ProAudio products, except for speakers, are covered by a two year limited warranty when installed by an authorized Clarion dealer. The conditions of this limited warranty and the extent of responsibility of Clarion Corporation of America ("Clarion") under this limited warranty are as follows:

1. **PROOF OF DATE OF PURCHASE WILL BE REQUIRED FOR WARRANTY SERVICE OF THIS PRODUCT. IN THE CASE OF THE TWO (2) YEAR LIMITED WARRANTY FOR CLARION PROAUDIO PRODUCT, PROOF OF INSTALLATION BY AN AUTHORIZED DEALER IS REQUIRED. INFORMATION ABOUT CLARION AUTHORIZED WARRANTY SERVICE CENTERS MAY BE OBTAINED BY CONTACTING OR WRITING CLARION AT THE ADDRESS LISTED BELOW.**
2. This limited warranty will become void if service performed by anyone other than an approved Clarion Warranty Service Center results in damage to the product.
3. This limited warranty does not apply to any product which has been subject to misuse, neglect or accident, or which has had the serial number altered, defaced or removed, or which has been connected, installed, adjusted or repaired, other than in accordance with the instructions furnished by Clarion.
4. This limited warranty does not cover car static or other electrical interferences, tape head or laser pick-up cleaning or adjustments, or labor costs for the removal or reinstallation of the unit for repair.
5. The sole responsibility of Clarion under this limited warranty shall be limited to the repair of the product or replacement of the product, at the sole discretion of Clarion.
6. Product must be shipped in its original carton or equivalent carton, fully insured, with shipping charges prepaid. Clarion will not assume any responsibility for any loss or damage incurred in shipping.
7. ALL IMPLIED WARRANTIES EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW SHALL HAVE NO GREATER DURATION THAN THE WARRANTY PERIOD SET FORTH ABOVE. UNDER NO CIRCUMSTANCES SHALL CLARION BE LIABLE FOR ANY LOSS OR DAMAGE, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE USE OR INABILITY TO USE THE PRODUCT. BECAUSE SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR EXCLUSIONS OR LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU.
8. THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.
9. Should you have any difficulties with the performance of this product during the warranty period, please call or visit our web site for a listing of Authorized Warranty Service Centers in your area. You may also contact the Clarion Customer Service at the address listed below for any service help you may need with Clarion products.

In USA:
Clarion Corporation of America
Attn: Customer Service Manager
661 W. Redondo Beach Blvd
Gardena, CA. 90247-4201
1-800-GO-CLARION
(310)327-9100
www.clarion.com

In Canada:
Clarion Canada, Inc.
Warranty Service Center
2239 Winston Park Drive
Oakville, Ontario L6H 5R1
(905)829-4600
www.clarioncanada.com

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Clarion

Installation/Wire Connection Guide
Manuel d'installation et de connexion
Guía de instalación/conexión de cables

English Français Español

1. BEFORE STARTING / PRÉPARATIFS / ANTES DE COMENZAR

1. This set is exclusively for use in cars with a negative ground, 12 V power supply.
2. Read these instructions carefully.
3. Be sure to disconnect the battery "⊖" terminal before starting. This is to prevent short circuits during installation. (Figure 1)

1. Cet appareil est exclusivement destiné à être utilisé dans les voitures avec une alimentation 12 V à masse négative.
2. Lire ces instructions attentivement.
3. S'assurer de débrancher la borne "⊖" de la batterie avant de commencer. Cela évitera les court-circuits pendant l'installation. (Figure 1)

1. Esta unidad ha sido diseñada para utilizarse exclusivamente en automóviles con fuente de alimentación de 12 V, y negativo a masa.
2. Lea cuidadosamente estas instrucciones.
3. Antes de comenzar, cerciórese de desconectar el terminal "⊖" de la batería. Esto es para evitar cortocircuitos durante la instalación. (Figura 1)

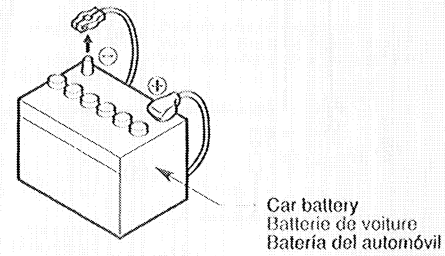


Figure 1 / Figure 1 / Figura 1

English Français Español

2. CAUTIONS ON INSTALLATION / PRÉCAUTIONS AU SUJET DE L'INSTALLATION / PRECAUCIONES PARA LA INSTALACIÓN

1. Prepare all articles necessary for installing the source unit before starting.
2. Install the unit within 30° of the horizontal plane. (Figure 2)
3. If you have to do any work on the car body, such as drilling holes, consult your car dealer beforehand.
4. Use the enclosed screws for installation. Using other screws can cause damage. (Figure 3)

1. Avant de commencer, préparer toutes les pièces nécessaires pour installer l'appareil pilote.
2. Installer l'appareil avec un angle inférieur à 30° par rapport à l'horizontal. (Figure 2)
3. S'il est nécessaire d'effectuer certains travaux sur la carrosserie comme percer des trous, consulter d'abord votre concessionnaire automobile.
4. Utiliser les vis fournies pour l'installation. L'utilisation d'autres vis peut causer des dommages. (Figure 3)

1. Antes de comenzar, prepare todos los elementos necesarios para instalar la unidad fuente.
2. Instale la unidad con un ángulo de 30° sobre el plano horizontal. (Figura 2)
3. Si tiene que realizar cualquier trabajo en la carrocería, como taladrado de orificios, etc., consulte al proveedor de su automóvil.
4. Utilice los tornillos suministrados para la instalación. La utilización de otros tornillos podría resultar en daños. (Figura 3)

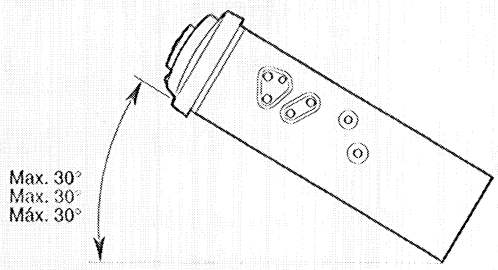
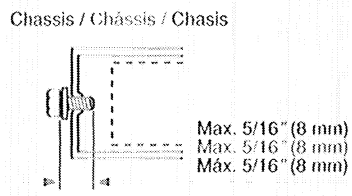


Figure 2 / Figure 2 / Figura 2



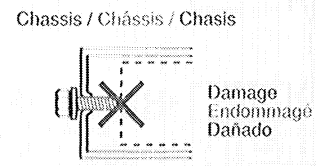


Figure 3 / Figure 3 / Figura 3

English Français Español

3. INSTALLING THE SOURCE UNIT / INSTALLATION DE L'APPAREIL PILOTE / INSTALACIÓN DE LA UNIDAD FUENTE

■ Universal Mount

1. Place the universal mounting bracket into the instrument panel, use a screwdriver to bend each stopper of the universal mounting bracket inward, then secure the stopper as shown in Figure 4.
2. Wire as shown in Section 6.
3. Insert the source unit into the universal mounting bracket until it locks.
4. Take care of the top and bottom of the outer escutcheon and mount it so that all the hooks are locked. (Figure 5)

Notes:
1) Some car models require special mounting kits for proper installation. Consult your Clarion dealer for details.
2) Fasten the front stopper securely to prevent the source unit from coming loose.

■ Montage universel

1. Placer le support de montage universel dans le tableau de bord, utiliser un tournevis pour replier vers l'extérieur chaque languette du support de montage universel, puis fixer les languettes comme montré sur la Figure 4.
2. Câbler comme montré dans la Section 6.
3. Insérer l'appareil pilote dans le support de montage universel jusqu'à ce qu'il soit bloqué.
4. Repérer le haut et le bas de l'écusson extérieur et le monter de manière que tous les crochets soient verrouillés. (Figure 5)

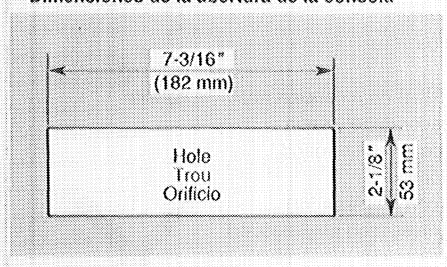
Remarques:
1) Certains modèles de voiture nécessitent un kit de montage spécial pour une installation correcte. Consulter le revendeur Clarion pour les détails.
2) Serrer fermement la languette avant pour éviter que l'appareil pilote ne se desserre.

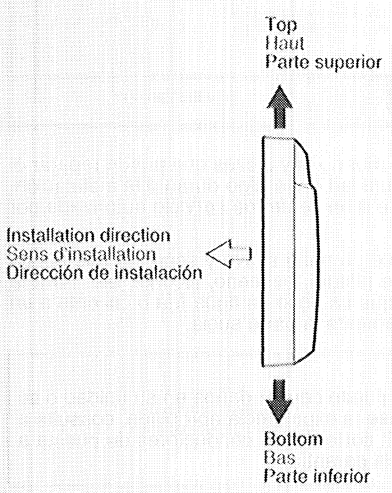
■ Montaje universal

1. Coloque el soporte de montaje universal en el tablero de instrumentos, utilice un destornillador para doblar cada retén del soporte de montaje universal hacia adentro, y después asegure el retén como se muestra en la Figura 4.
2. Conecte los cables como se muestra en la Sección 6.
3. Inserte la unidad fuente en el soporte de montaje universal hasta que quede enganchado.
4. Tenga cuidado con la partes superior e inferior de la pieza ornamental exterior, y móntela de forma que todos los ganchos queden bloqueados. (Figura 5)

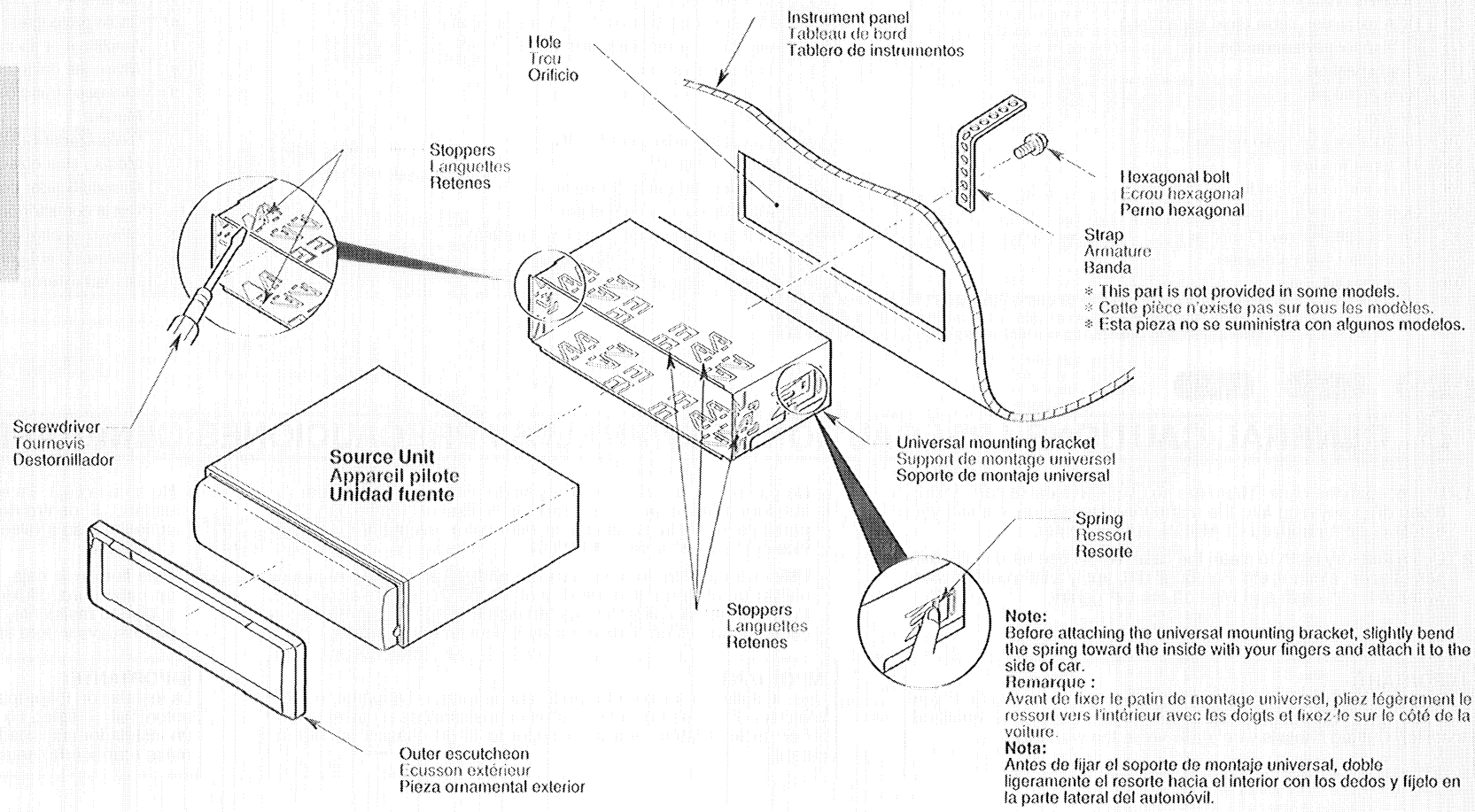
Notas:
1) Algunos modelos de automóviles requieren juegos de montaje especiales para realizar la instalación apropiada. Solicite los detalles a su proveedor Clarion.
2) Apriete con seguridad el retén frontal para evitar que se afloje la unidad fuente.

• Console opening dimensions
• Dimensions d'ouverture de la console
• Dimensiones de la abertura de la consola





Outer escutcheon side view
Vue latérale de l'écusson extérieur
Vista lateral de la pieza ornamental exterior



Note:
Before attaching the universal mounting bracket, slightly bend the spring toward the inside with your fingers and attach it to the side of car.
Remarque :
Avant de fixer le patin de montage universel, pliez légèrement le ressort vers l'intérieur avec les doigts et fixez-le sur le côté de la voiture.
Nota:
Antes de fijar el soporte de montaje universal, doble ligeramente el resorte hacia el interior con los dedos y fíjelo en la parte lateral del automóvil.

Figure 5 / Figure 5 / Figura 5

Figure 4 / Figure 4 / Figura 4

■ Fixed Mount
(TOYOTA, NISSAN and other ISO/DIN equipped vehicles)

This unit is designed for fixed installation in the dashboard.
If the vehicle is equipped with a factory-installed radio, install the source unit with the parts and screws marked (*). (Figure 9)
If the vehicle is not equipped with a factory-installed radio, obtain an installation kit to install the source unit in the following procedure.

Remove the stopper following the procedures below.

1. Remove the screw from the source unit (Figure 6).
2. Remove the stopper from the source unit (Figure 7).
3. Install the removed screw to the source unit (Figure 8)
   • Securely attach the screw.

Note: *Store the removed stopper in a safe place together with the Instruction Manual.*

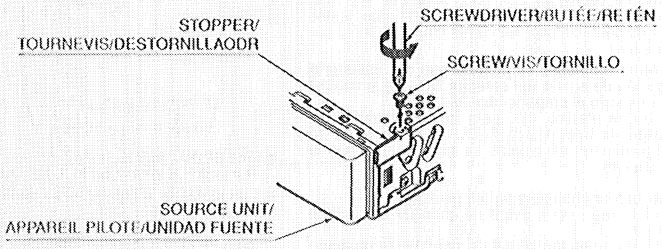


Figure 6/Figure 6/Figura 6

4. Secure the mounting brackets to the chassis as shown in Figure 9. Holes are pre-tapped for TOYOTA and NISSAN vehicles; modification, such as drilling new holes, of the mounting brackets may be required for other models.
5. Wire as shown in Section 6.
6. Secure the unit in the dashboard, and then reassemble the dashboard and the center panel.

■ Montage fixe
(TOYOTA, NISSAN et autres véhicules équipés ISO/DIN)

Cet appareil est conçu pour une installation fixe dans le tableau de bord. Si le véhicule est équipé d'un auto-radio installé à l'usine, installer l'appareil pilote avec les piéces et les écrous marquées de (*). (Figure 9)
Si le véhicule n'est pas équipé d'un auto-radio installé à l'usine se procurer un kit d'installation pur installer l'appareil pilote avec la procédure suivante.

Retirez la butée après les opérations ci-dessous.

1. Retirez la vis de l'appareil pilote (Figure 6).
2. Retirez la butée de l'appareil pilote (Figure 7).
3. Installez la vis retirée sur l'appareil pilote (Figure 8).
   • Serrez la vis à fond.

Remarque : Rangez la butée que vous avez retirée en lieu sûr avec le mode d'emploi.

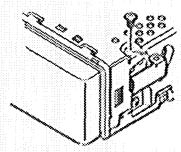


Figure 7/Figure 7/Figura 7

4. Fixer le support de montage sur le châssis comme montré sur la Figure 9. Les trous sont pré-découpés pour les véhicules TOYOTA et NISSAN; des modification du support de montage, comme le perçage de nouveaux trous, peuvent être nécessaire pour les autres modèles.
5. Câbler comme montré dans la Section 6.
6. Fixer l'appareil dans le tableau de bord puis remonter le tableau de bord et le panneau central.

■ Montaje fijo
(Automóviles TOYOTA, NISSAN, y otros provistos de normas ISO/DIN)

Esta unidad ha sido diseñada para instalarse de forma fija en el tablero de instrumentos. Si el automóvil dispone de una radio instalada en fábrica, instale la unidad fuente con las piezas y los tornillos marcados con (*). (Figura 9)
Si el automóvil no dispone de una radio instalada en fábrica, adquiera un juego de instalación para instalar la unidad fuente de acuerdo con el procedimiento siguiente.

Extraiga el retén siguiendo los procedimientos indicados a continuación.

1. Extraiga el tornillo de la unidad fuente (Figura 6).
2. Extraiga el retén de la unidad fuente (Figura 7).
3. Instale el tornillo extraído de la unidad fuente (Figura 8).
   • Fije con seguridad el tornillo.

***Nota:** Guarde el retén extraído en un lugar seguro junto con el manual de instrucciones.*

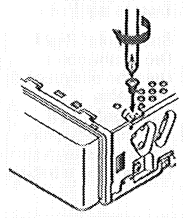


Figure 8/Figure 8/Figura 8

4. Asegure los soportes de montaje al chasis como se muestra en la Figura 9. Los orificios ya han sido taladrados en los automóviles TOYOTA y NISSAN, pero para otros modelos puede resultar necesario realizar modificaciones, como taladrado de nuevos orificios en los soportes de montaje.
5. Conecte los cables como se muestra en la Sección 6.
6. Asegure la unidad al tablero de instrumentos, y después vuelva a montar el tablero de instrumentos y el panel central.

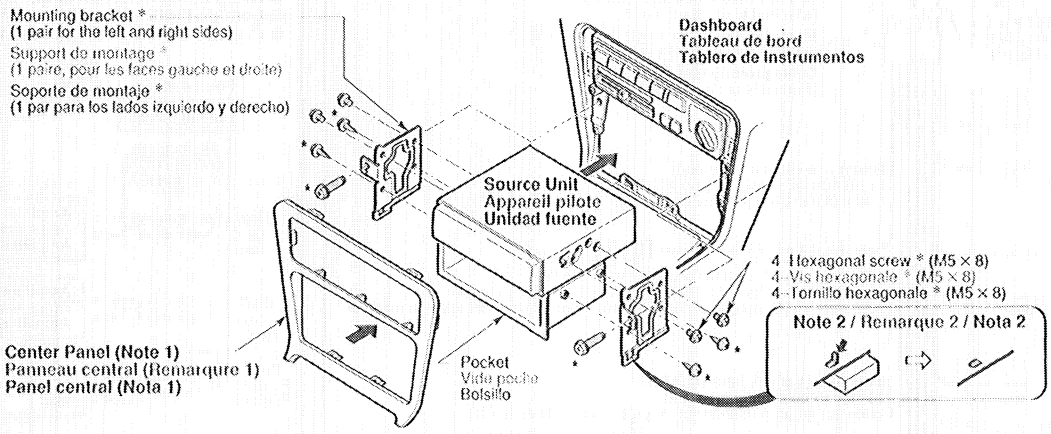

Mounting bracket *
(1 pair for the left and right sides)
Support de montage *
(1 paire, pour les faces gauche et droite)
Soporte de montaje *
(1 par para los lados izquierdo y derecho)
Dashboard
Tableau de bord
Tablero de instrumentos
Source Unit
Appareil pilote
Unidad fuente
4 Hexagonal screw * (M5 × 8)
4 Vis hexagonale * (M5 × 8)
4 Tornillo hexagonale * (M5 × 8)
Note 2 / Remarque 2 / Nota 2
Center Panel (Note 1)
Panneau central (Remarque 1)
Panel central (Nota 1)
Pocket
Vide poche
Bolsillo

Figure 9 / Figure 9 / Figura 9

*: The parts and screws with this mark are used to install radio or included in the installation kit.
★: The screws with this mark are originally attached to the vehicle.

*: Les pièces et les vis portant cette marque sont utilisées pour l'autoradio installé ou fournies dans le kit d'installation.
★: Les vis portant cette marque sont fournies d'origine avec le véhicule.

*: Las piezas y tornillos con esta marca se utilizan para instalar la radio o se suministran con el juego de instalación.
★: Los tornillos con esta marca están originalmente fijados a los automóviles.

***Note 1:** In some cases, the center panel may require some modification (trimming, filling, etc.).*
***Note 2:** If a hook on the installation bracket interferes with the unit, bend and flatten it with a nipper or a similar tool.*

***Remarque 1:** Dans certains cas, le panneau central peut nécessité certaines modifications (ébarbage, remplissage, etc.).*
***Remarque 2:** Si un crochet du support d'installation interfère avec l'appareil, le tordre et l'aplatir avec une pince ou un outil similaire.*

***Nota 1:** En algunos casos, el panel central puede requerir ciertas modificaciones (recorte, limado, etc.).*
***Nota 2:** Si algún gancho del soporte de montaje interfiere con la unidad, dóblelo y aplánelo con unos alicates u otra herramienta similar.*

English Français Español

4. REMOVAL OF THE SOURCE UNIT / DEPOSE DE L'APPAREIL PILOTE / DESMONTAJE DE LA UNIDAD FUENTE

1. When removing the source unit, disassemble it in the reverse of the order in Section "3. INSTALLING THE SOURCE UNIT".
2. Remove the Detachable Control Panel (DCP).
   * For instructions on removing the DCP, refer to the owner's manual.
3. Press the outer escutcheon upward and remove it. (Figure 10)
4. Insert and lock the hook plates. (Figure 11)
5. Pull the hook plates to remove the source unit.

1. Lors de la dépose de l'appareil pilote, démonter dans l'ordre inverse de la Section "3. INSTALLATION DE L'APPAREIL PILOTE".
2. Déposer le clavier de commande amovible (DCP).
   * Pour les instructions sur le retrait du clavier de commande amovible (DCP), se référer au mode d'emploi.
3. Presser l'écusson extérieur vers le haut et le retirer. (Figure 10)
4. Insérer et verrouiller les plaques à crochet. (Figure 11)
5. Tirer sur les plaques à crochet pour retirer l'appareil pilote.

1. Para desmontar la unidad fuente, realice el procedimiento inverso al de la Sección "3. INSTALACIÓN DE LA UNIDAD FUENTE".
2. Desmonte el panel de control desmontable (DCP).
   * Para instrucciones sobre cómo desmontar el DCP, consulte el manual de instrucciones.
3. Presione la pieza ornamental exterior hacia afuera y extráigala. (Figura 10)
4. Inserte y bloquee las placas de enganche. (Figura 11)
5. Tire de las placas de enganche para extraer la unidad fuente.

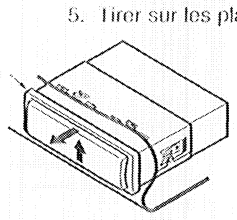


Figure 10 / Figure 10 / Figura 10

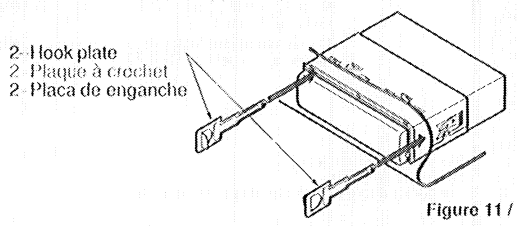


Figure 11 / Figure 11 / Figura 11

English Français Español

5. CAUTIONS ON WIRING / PRÉCAUTIONS AU SUJET DES CONNEXIONS / PRECAUCIONES PARA LA CONEXIÓN DE CABLES

1. Be sure to turn the power off when wiring.
2. Be particularly careful where you route the wires.
   Keep them well away from the engine, exhaust pipe, etc. Heat may damage the wires.
3. If the fuse should blow, check that the wiring is correct.
   If it is, replace the fuse with a new one with the same amperage rating as the original one.
4. To replace the fuse, open the lock on the source unit side, remove the old fuse and insert the new one. (Figure 12)
   * There are various types of fuse cases. Do not let the battery side terminal touch other metal parts.
5. Connect the CeNET extension cable fully and securely until it locks. When the CeNET extension cable is pulled, hold the slide cap part and pull it towards you.
   * When the CeNET extension cable is extended or branches, use extension cable CCA-520 (8 feet [2.5m]) or CCA-521 (2 feet [0.6m]), or Y-adapter CCA-519 (each of them is sold seperately).
   * Use the CeNET extension cable made by Clarion.

1. S'assurer de mettre l'appareil hors circuit avant de faire le câblage.
2. Faire particulièrement attention lors de l'acheminement des fils.
   Les éloigner du moteur, des tuyaux d'échappement, etc. La chaleur risque d'endommager ces fils.
3. Si le fusible saute, vérifier si le câblage est correct.
   Si le fusible est grillé, le remplacer par un fusible neuf de même ampérage que le fusible d'origine.
4. Pour remplacer le fusible, ouvrir le loquet sur le côté de l'appareil pilote, retirer l'ancien fusible et insérer le fusible neuf. (Figure 12)
   * Il existe plusieurs types de boîtiers à fusibles. Ne pas laisser la borne de batterie entrer en contact avec les autres pièces métalliques.
5. Connecter le câble d'extension CeNET complètement et solidement jusqu'à ce qu'il soit verrouillé. Pour tirer le câble d'extension CeNET, tenir la partie coulissante du capuchon et tirer vers vous.
   * Pour étendre ou dériver le câble d'extension CeNET, utiliser le câble d'extension CCA-520 (2,5 m [8 pieds]) ou CCA-521 (0,6m [2 pieds]), ou le l'adaptateur Y CCA-519 (ces câbles sont vendus séparément)
   * Utiliser les câbles d'extension CeNET fabriqués par Clarion.

1. Antes de hacer las conexiones, asegúrese de desconectar la alimentación de la unidad.
2. Sea especialmente cuidadoso al dirigir y fijar los cables.
   manténgalos alejados del motor, tubo de escape, etc. El calor puede dañar los cables.
3. Si el fusible se quema, revise las conexiones.
   Si está quemado, reemplace el fusible por otro nuevo con el mismo valor de amperaje que el original.
4. Para reemplazar el fusible, abra la tapa de la unidad fuente, retire el fusible antiguo e instale otro nuevo. (Figura 12)
   * Existen distintos tipos de cajas de fusibles. no permita que el terminal del lado de la batería quede en contacto con otras partes metálicas.
5. Conecte el cable prolongador CeNET completa y seguramente hasta que chasquee. Para desconectar el cable, sujete la parte de la tapa deslizable y tire hacia usted.
   * Para prolongar o ramificar el cable prolongador CeNET, utilice un cable prolongador CCA-520 (2,5 m) o CCA-521 (0,6 m), o un adaptador en Y CCA-519 (vendidos aparte).
   * Utilice un cable prolongador CeNET fabricado por Clarion.

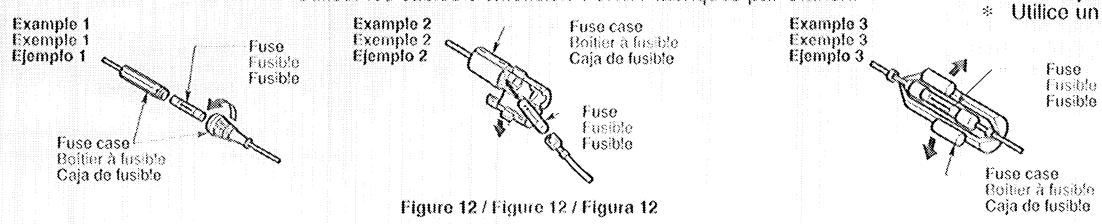
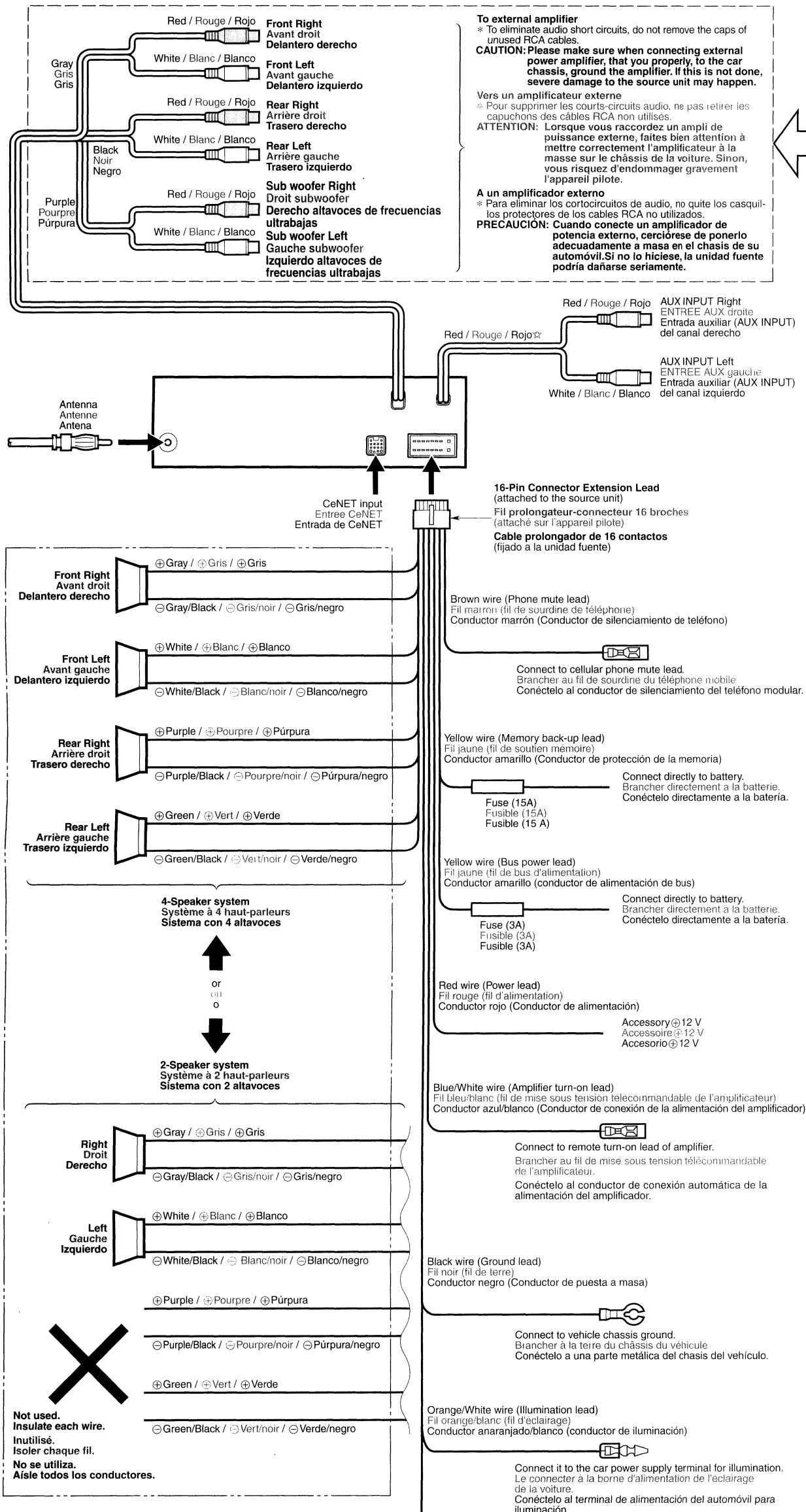


Figure 12 / Figure 12 / Figura 12

English Français Español

6. WIRE CONNECTIONS / CONNECTIQUE / CONEXIÓN DE CABLES

■ **Rear Layout**
■ **Disposition arrière**
■ **Disposición de la parte posterior**


Red / Rouge / Rojo
Front Right
Avant droit
Delantero derecho
White / Blanc / Blanco
Front Left
Avant gauche
Delantero izquierdo
Gray
Gris
Gris
Red / Rouge / Rojo
Rear Right
Arrière droit
Trasero derecho
White / Blanc / Blanco
Rear Left
Arrière gauche
Trasero izquierdo
Black
Noir
Negro
Red / Rouge / Rojo
Sub woofer Right
Droit subwoofer
Derecho altavoces de frecuencias ultrabajas
White / Blanc / Blanco
Sub woofer Left
Gauche subwoofer
Izquierdo altavoces de frecuencias ultrabajas
Purple
Pourpre
Púrpura
To external amplifier
* To eliminate audio short circuits, do not remove the caps of unused RCA cables.
CAUTION: Please make sure when connecting external power amplifier, that you properly, to the car chassis, ground the amplifier. If this is not done, severe damage to the source unit may happen.
Vers un amplificateur externe
* Pour supprimer les courts-circuits audio, ne pas retirer les capuchons des câbles RCA non utilisés.
ATTENTION: Lorsque vous raccordez un ampli de puissance externe, faites bien attention à mettre correctement l'amplificateur à la masse sur le châssis de la voiture. Sinon, vous risquez d'endommager gravement l'appareil pilote.
A un amplificador externo
* Para eliminar los cortocircuitos de audio, no quite los casquillos protectores de los cables RCA no utilizados.
PRECAUCIÓN: Cuando conecte un amplificador de potencia externo, cerciórese de ponerlo adecuadamente a masa en el chasis de su automóvil.Si no lo hiciese, la unidad fuente podría dañarse seriamente.
Red / Rouge / Rojo
AUX INPUT Right
ENTREE AUX droite
Entrada auxiliar (AUX INPUT) del canal derecho
Red / Rouge / Rojo☆
AUX INPUT Left
ENTREE AUX gauche
Entrada auxiliar (AUX INPUT) del canal izquierdo
White / Blanc / Blanco
Antenna
Antenne
Antena
CeNET input
Entrée CeNET
Entrada de CeNET
16-Pin Connector Extension Lead
(attached to the source unit)
Fil prolongateur-connecteur 16 broches
(attaché sur l'appareil pilote)
Cable prolongador de 16 contactos
(fijado a la unidad fuente)
Front Right
Avant droit
Delantero derecho
⊕Gray / ⊕Gris / ⊕Gris
⊖Gray/Black / ⊖Gris/noir / ⊖Gris/negro
Front Left
Avant gauche
Delantero izquierdo
⊕White / ⊕Blanc / ⊕Blanco
⊖White/Black / ⊖Blanc/noir / ⊖Blanco/negro
Rear Right
Arrière droit
Trasero derecho
⊕Purple / ⊕Pourpre / ⊕Púrpura
⊖Purple/Black / ⊖Pourpre/noir / ⊖Púrpura/negro
Rear Left
Arrière gauche
Trasero izquierdo
⊕Green / ⊕Vert / ⊕Verde
⊖Green/Black / ⊖Vert/noir / ⊖Verde/negro
4-Speaker system
Système à 4 haut-parleurs
Sistema con 4 altavoces
or
ou
o
2-Speaker system
Système à 2 haut-parleurs
Sistema con 2 altavoces
Right
Droit
Derecho
⊕Gray / ⊕Gris / ⊕Gris
⊖Gray/Black / ⊖Gris/noir / ⊖Gris/negro
Left
Gauche
Izquierdo
⊕White / ⊕Blanc / ⊕Blanco
⊖White/Black / ⊖Blanc/noir / ⊖Blanco/negro
⊕Purple / ⊕Pourpre / ⊕Púrpura
⊖Purple/Black / ⊖Pourpre/noir / ⊖Púrpura/negro
⊕Green / ⊕Vert / ⊕Verde
⊖Green/Black / ⊖Vert/noir / ⊖Verde/negro
Not used.
Insulate each wire.
Inutilisé.
Isoler chaque fil.
No se utiliza.
Aísle todos los conductores.
Brown wire (Phone mute lead)
Fil marron (fil de sourdine de téléphone)
Conductor marrón (Conductor de silenciamiento de teléfono)
Connect to cellular phone mute lead.
Brancher au fil de sourdine du téléphone mobile
Conéctelo al conductor de silenciamiento del teléfono modular.
Yellow wire (Memory back-up lead)
Fil jaune (fil de soutien mémoire)
Conductor amarillo (Conductor de protección de la memoria)
Connect directly to battery.
Brancher directement a la batterie.
Conéctelo directamente a la batería.
Fuse (15A)
Fusible (15A)
Fusible (15 A)
Yellow wire (Bus power lead)
Fil jaune (fil de bus d'alimentation)
Conductor amarillo (conductor de alimentación de bus)
Connect directly to battery.
Brancher directement a la batterie.
Conéctelo directamente a la batería.
Fuse (3A)
Fusible (3A)
Fusible (3A)
Red wire (Power lead)
Fil rouge (fil d'alimentation)
Conductor rojo (Conductor de alimentación)
Accessory ⊕12 V
Accessoire ⊕12 V
Accesorio ⊕12 V
Blue/White wire (Amplifier turn-on lead)
Fil bleu/blanc (fil de mise sous tension télécommandable de l'amplificateur)
Conductor azul/blanco (Conductor de conexión de la alimentación del amplificador)
Connect to remote turn-on lead of amplifier.
Brancher au fil de mise sous tension télécommandable de l'amplificateur.
Conéctelo al conductor de conexión automática de la alimentación del amplificador.
Black wire (Ground lead)
Fil noir (fil de terre)
Conductor negro (Conductor de puesta a masa)
Connect to vehicle chassis ground.
Brancher à la terre du châssis du véhicule
Conéctelo a una parte metálica del chasis del vehículo.
Orange/White wire (Illumination lead)
Fil orange/blanc (fil d'éclairage)
Conductor anaranjado/blanco (conductor de iluminación)
Connect it to the car power supply terminal for illumination.
Le connecter à la borne d'alimentation de l'éclairage de la voiture.
Conéctelo al terminal de alimentación del automóvil para iluminación.
Blue wire (Auto antenna lead)
Fil bleu (fil de l'antenne électrique)
Conductor azul (conductor para la antena motorizada)
Connect it to the car power supply terminal for the antenna.
Le connecter à la borne d'alimentation de l'antenne electrique de la voiture.
Conéctelo al terminal de alimentación de la antena.

● **Be sure to read this when connecting using the RCA terminals.**
● **Lire attentivement cette section lors du raccordement utilisant les bornes RCA.**
● **Asegúrese de leer esta nota al conectar los terminales RCA.**

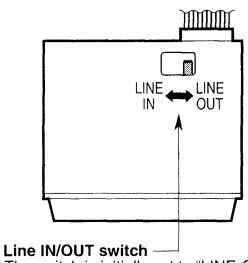
RCA switch of source unit using internal amplifier may need to be changed when connecting with other units.
· Use a plastic rod, etc., to switch the LINE IN/OUT selector switches of the source units. (Short-circuiting the source units boards will result in damage.)

Le commutateur RCA de l'appareil pilote utilisant un amplificateur interne nécessite un changement lors du raccordement à d'autres appareils.
· Utiliser une tige en plastique, etc., pour commuter les sélecteurs d'entrée/sortie de ligne (LINE IN/OUT) des unités source. (Le fait de court-circuiter les cartes d'unités source endommage l'appareil.)

Al conectar a otras unidades, es posible que sea necesario cambiar la posición de ajuste del selector RCA de la unidad fuente que esté usando el amplificador interno.
· Utilice una varilla de plástico, etc., para ajustar los selectores de entrada/salida de línea (LINE IN/OUT) de las unidades fuente. (El cortocircuitar las tarjetas de las unidades fuente puede causar daños.)

- **Turn off power before changing switch position.**
- **Mettre l'appareil hors circuit avant de changer la position du commutateur.**
- **Desconecte la alimentación antes de cambiar la posición del selector.**

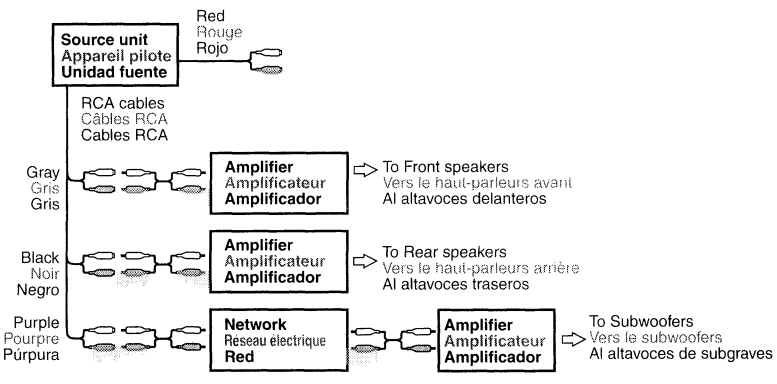
Bottom view of source unit
Vue du dessous de l'appareil pilote
Vista de la base de la unidad fuente



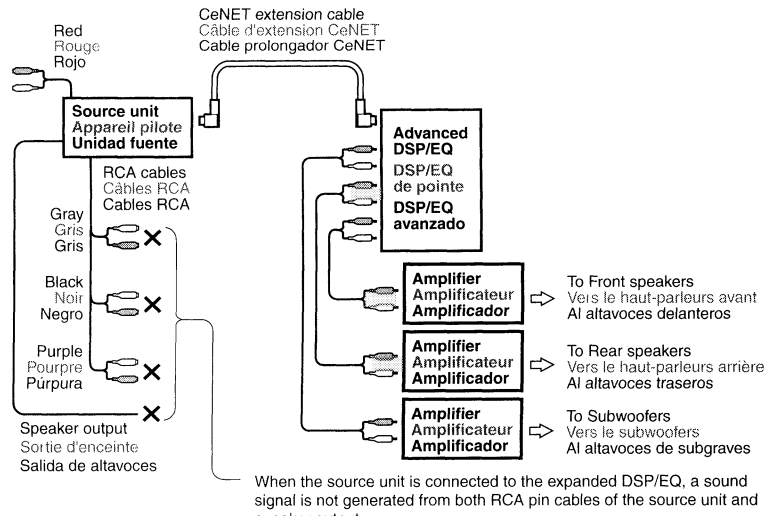
★ **Line IN/OUT switch**
The switch is initially set to "LINE-OUT".
★ **Commutateur d'entrée/sortie de ligne (LINE IN/OUT)**
Ce commutateur est initialement réglé sur "LINE-OUT" (sortie de ligne).
★ **Selector de entrada/salida (IN/OUT) de línea**
El selector está inicialmente ajustado a la posición "LINE OUT".

RCA connection using LINE-OUT
Connexion RCA utilisant la sortie de ligne (LINE-OUT)
Conexión RCA utilizando LINE-OUT

● **When using external amplifier**
● **Lors de l'utilisation d'un amplificateur externe**
● **Cuando utilice un amplificador externo**



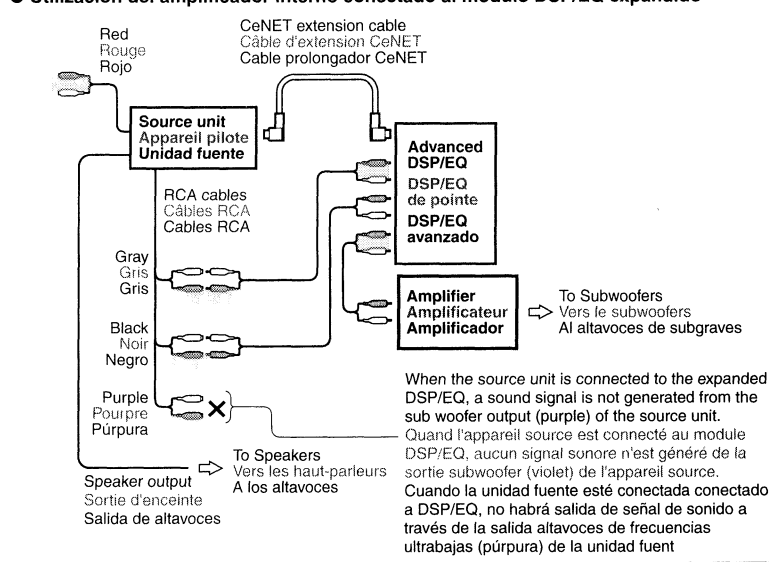
● **When using expanded DSP/EQ module with external amplifier**
● **Lors de l'utilisation d'un module DSP/EQ avec un amplificateur externe**
● **Cuando utilice un módulo DSP/EQ expandido con el amplificador interno**



When the source unit is connected to the expanded DSP/EQ, a sound signal is not generated from both RCA pin cables of the source unit and speaker output.
Quand l'appareil source est connecté au module DSP/EQ, aucun signal sonore n'est généré des deux câbles RCA de l'appareil source et de la sortie des enceintes.
Cuando la unidad fuente esté conectado a DSP/EQ, no habrá salida de señal de sonido a través de los cables clavijas RCA de la unidad fuente ni de la salida de altavoces.

RCA connection using LINE-IN
Connexion RCA utilisant la borne d'entrée de ligne (LINE-IN)
Conexión RCA utilizando LINE-IN

● **Using internal amplifier connected to expanded DSP/EQ module**
● **Utilisation de l'amplificateur interne connecté au module DSP/EQ**
● **Utilización del amplificador interno conectado al módulo DSP/EQ expandido**

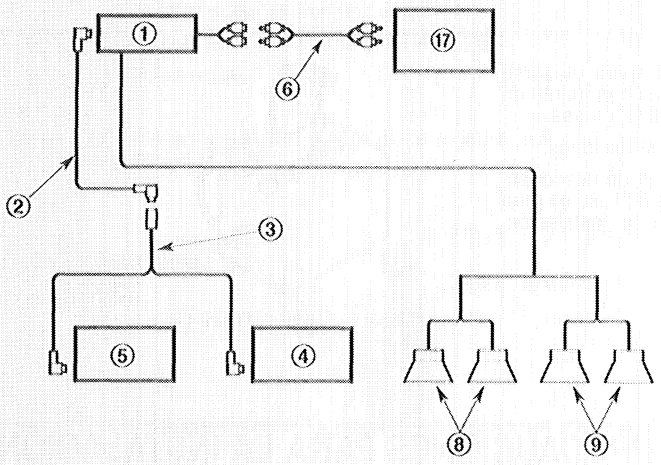


When the source unit is connected to the expanded DSP/EQ, a sound signal is not generated from the sub woofer output (purple) of the source unit.
Quand l'appareil source est connecté au module DSP/EQ, aucun signal sonore n'est généré de la sortie subwoofer (violet) de l'appareil source.
Cuando la unidad fuente esté conectada conectado a DSP/EQ, no habrá salida de señal de sonido a través de la salida altavoces de frecuencias ultrabajas (púrpura) de la unidad fuent

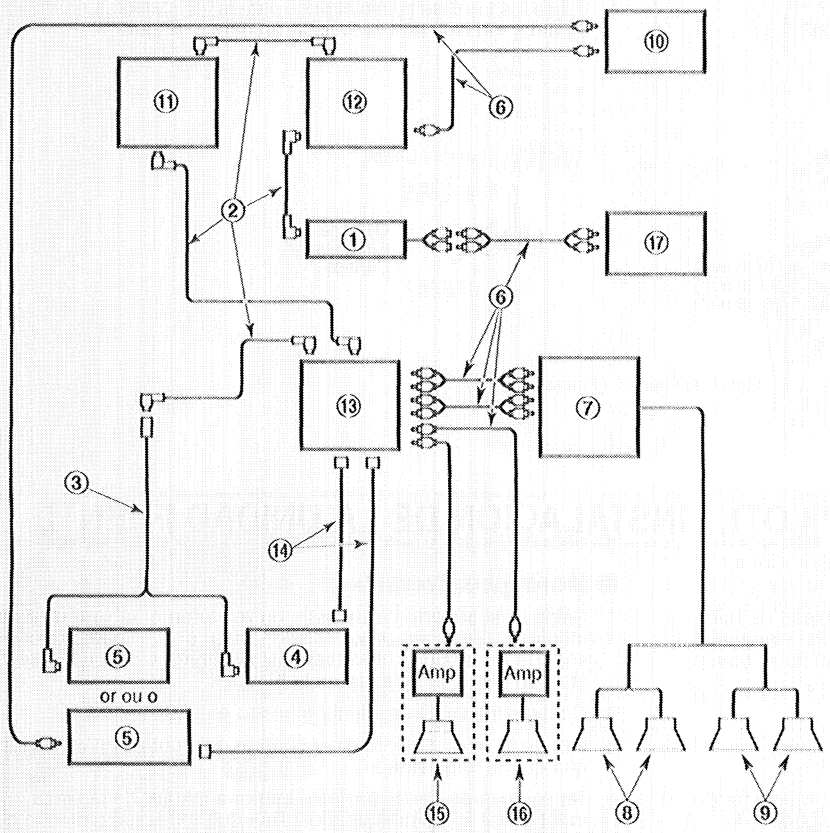
English Français Español

7. SAMPLE SYSTEMS / EXEMPLES DE SYSTÈMES / EJEMPLOS DE SISTEMAS

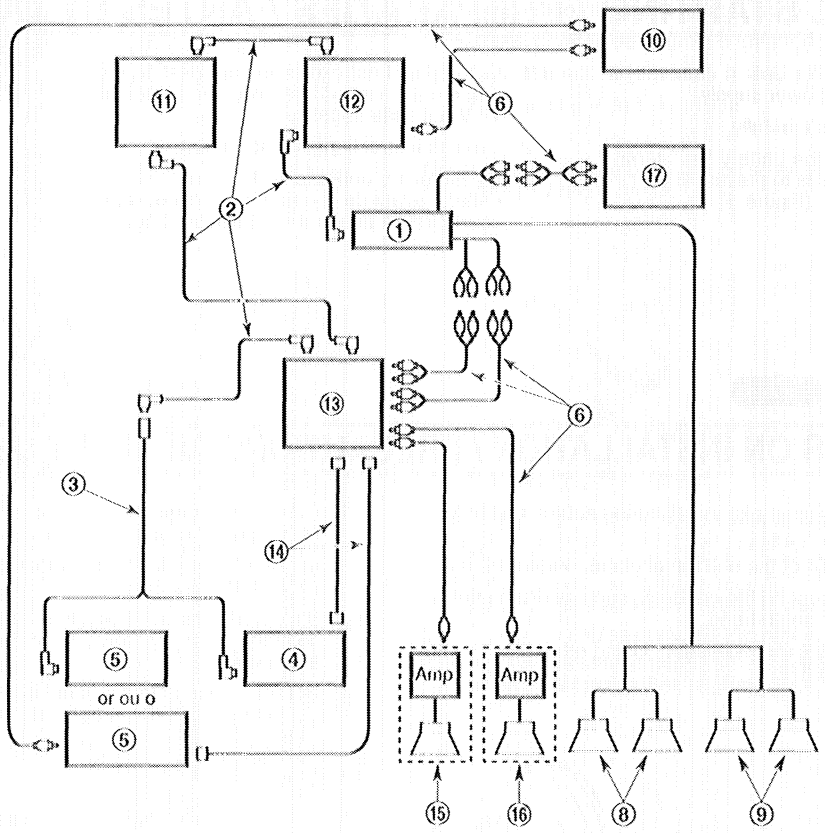
■ Example of the system using an internal amplifier. (AUDIO)
■ Exemple de système utilisant un amplificateur interne. (AUDIO)
■ Ejemplo de sistema utilizando un amplificador interno. (AUDIO)



■ Example of the system using an external amplifier. (AUDIO VISUAL)
■ Exemple de système utilisant un amplificateur extérieur. (audio-visuel)
■ Ejemplo de sistema utilizando un amplificador externo. (audiovisual)



■ Example of the system using an internal amplifier. (AUDIO VISUAL)
■ Exemple de système utilisant un amplificateur interne. (audio-visuel)
■ Ejemplo de sistema utilizando un amplificador interno. (audiovisual)



Note:
Use a CeNET extension cable that is less than 20 m in length. (including the Y-adapter CCA-519.)
Remarque:
Utiliser un câble d'extension CeNET inférieur à 20 m de long (en comptant aussi le l'adaptateur Y CCA-519).
Nota:
Utilice un cable CeNET de menos de 20 m de longitud (incluyendo el adaptador en Y CCA-519).

* This source unit can control a total of 2 changers except 2 DVD changers exist in the system.
* L'appareil pilote est capable de commander 2 changeurs au total en plus des 2 changeurs de DVD qui existent dans le système.
* Esta unidad fuente puede controlar en total 2 cambiadores excepto los 2 cambiadores de discos DVD del sistema.

English

①	Source unit
②	CeNET extension cable
③	Y-adapter (sold separately)
④	MD changer
⑤	CD/DVD changer
⑥	RCA extension cable (sold separately)
⑦	4-Channel power amplifier
⑧	Front speakers
⑨	Rear speakers
⑩	Monitor
⑪	SIRIUS satellite radio receiver
⑫	TV tuner module
⑬	5.1ch surround decoder
⑭	Optical connector cable
⑮	Center speaker (with amplifier)
⑯	Subwoofer (with amplifier)
⑰	External unit

Français

①	Appareil pilote
②	Câble d'extension CeNET
③	L'adaptateur Y (vendu séparément)
④	Changeur de MD
⑤	Changeur de CD ou de DVD
⑥	Câble prolongateur RCA (vendu séparément)
⑦	Amplificateur de puissance 4 canaux
⑧	Haut-parleurs avant
⑨	Haut-parleurs arrière
⑩	Moniteur
⑪	Récepteur radio satellite SIRIUS
⑫	Module tuner TV
⑬	Décodeur surround 5.1 canaux
⑭	Câble de connexion optique
⑮	Haut-parleur central (avec amplificateur)
⑯	Subwoofer (avec amplificateur)
⑰	Appareil externe

Español

①	Unidad fuente
②	Cable prolongador CeNET
③	Adaptador en Y (vendido aparte)
④	Cambiador de minidiscos
⑤	Cambiador de DVD o discos compactos
⑥	Cable prolongador RCA (vendido aparte)
⑦	Amplificador de potencia de 4 canales
⑧	Altavoces delanteros
⑨	Altavoces traseros
⑩	Monitor
⑪	Sintonizador SIRIUS de recepción radio vía satélite
⑫	Módulo sintonizador de televisión
⑬	Descodificador de 5.1ch surround
⑭	Cable conector óptico
⑮	Altavoz central (con amplificador)
⑯	Altavoz de subgraves (con amplificador)
⑰	Unidad externo

English Français Español

8. GENERAL CAUTIONS / PRÉCAUTIONS GÉNÉRALES / PRECAUCIONES GENERALES

1. Do not open the case. There are no user serviceable parts inside. If you drop anything into the unit during installation, consult your dealer or an authorized CLARION service center.
2. Use a soft, dry cloth to clean the case. Never use hard cloth, thinner, benzen, alcohol, etc. For tough dirt, apply a little cold or warm water to a soft cloth and wipe off the dirt gentry.

IMPORTANT:
Improper installation may cause damage to your unit or car. If you do not have the appropriate experience, consult a qualified installer. Cutting chassis wire leads voids the warranty.

1. Ne pas ouvrir le coffret. Il n'y a pas de pièces réparables par l'utilisateur à l'intérieur de l'appareil. Si un objet est tombé dans l'appareil pendant l'installation, consulter votre revendeur ou un service après-vente agréé CLARION.
2. Utiliser un chiffon doux et sec pour nettoyer le coffret, ne jamais utiliser un chiffon rigide, un diluant, du benzène, de l'alcool, etc. Pour enlever la saleté tenace, appliquer un peu d'eau froide ou tiède sur un chiffon doux et essuyer doucement la saleté.

IMPORTANT:
Une installation incorrecte peut endommager l'appareil ou le véhicule. Si l'on ne possède pas les connaissances requises, consulter un installateur qualifié. Couper le fil du châssis annule la garantie.

1. No abra la caja. En el interior no hay piezas que pueda reparar el usuario. Si dentro de la unidad entra algo durante la instalación, consulte a su proveedor o a un centro de servicio autorizado por CLARION.
2. Para limpiar la caja, utilice un paño suave y seco. no use nunca un paño duro, diluidor de pintura, benceno, alcohol, etc. Para la suciedad resistente, aplique un poco de agua fría o caliente a un paño suave y frote suavemente la parte sucia.

IMPORTANTE:
La instalación inapropiada puede causar daños en su unidad o su automóvil. Si usted no posee la experiencia apropiada, consulte a un instalador cualificado. El corte de los conductores de puesta a masa (carrocería) anulará la garantía.

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SIRIUS POP

1 Top 40 Hits
2 Adult Contemporary
3 Alt Pop Mix
4 Love Songs
5 The Best of the 50s/60s
7 The Best of the 70s
8 The Best of the 80s
9 The Best of the 90s

SIRIUS ROCK

15 Soft Rock
17 Eclectic Rock
20 Rock Hits
21 Modern Rock
22 Mainstream Rock
23 Classic Rock I
24 Classic Rock II
25 Classic Alternative
26 Alternative I
27 Alternative II
29 Hard Rock

SIRIUS COUNTRY

30 Country Hits
31 Today's Country
32 Country Mix
35 Classic Country
36 Alt Country
37 Bluegrass

SIRIUS R&B/URBAN

40 R&B Hits
42 Today's R&B
43 Soul Ballads
44 Classic Soul
45 R&B Oldies
47 Rap Hits
48 Today's Rap
49 Classic Rap

SIRIUS DANCE

50 Dance Hits
51 Mainstream Dance
53 Electronica
56 Disco

SIRIUS JAZZ & STANDARDS

60 Classic Jazz
61 Latin Jazz
62 Contemporary Jazz
63 Smooth Jazz
65 Standards
66 Swing
67 Broadway's Best

SIRIUS LATIN

70 Latin Hits
71 Latin Pop Mix
72 Rock en Español
74 Mexicana
77 Tejano

SIRIUS CLASSICAL

80 Symphonic
82 Chamber Works
85 Classical Voices

SIRIUS VARIETY

90 Blues
91 Reggae
93 Gospel
94 Christian Hits
95 World Music
96 New Age
99 Kids
100 Specialty Showcase

SIRIUS NEWS

101 CNBC
102 FOX News Channel
104 CNN Headline News
105 Bloomberg
107 NPR Now
108 NPR Talk
109 PRI's Public Radio Channel
111 World Radio Network
112 BBC World Service News
114 C-SPAN Radio
115 The Weather Channel Radio Network
116 Sirius Talk
117 Real Sirius
119 ABC News & Talk

SIRIUS SPORTS

120 ESPN Radio Network
121 ESPNews
123 Sports Byline USA
124 Speedvision
125 OLN Adventure Radio

SIRIUS HISPANIC TALK

140 BBC Mundo
142 La Red Hispana
144 Radio Deportivo
146 Radio Mujer
147 Radio Amigo

SIRIUS ENTERTAINMENT

150 Radio Disney
151 Discovery Radio
152 E! Entertainment Radio
154 A&E Satellite Radio
156 Radio Classics
158 SCI FI
159 Sirius Entertainment
160 Sirius Comedy
161 Sirius Arts
164 Personal Achievement
165 Wisdom Radio
167 African American Talk
168 The Scandal Channel
172 Women's Talk
175 Guy Talk
180 Trucker Channel
184 Preview Channel

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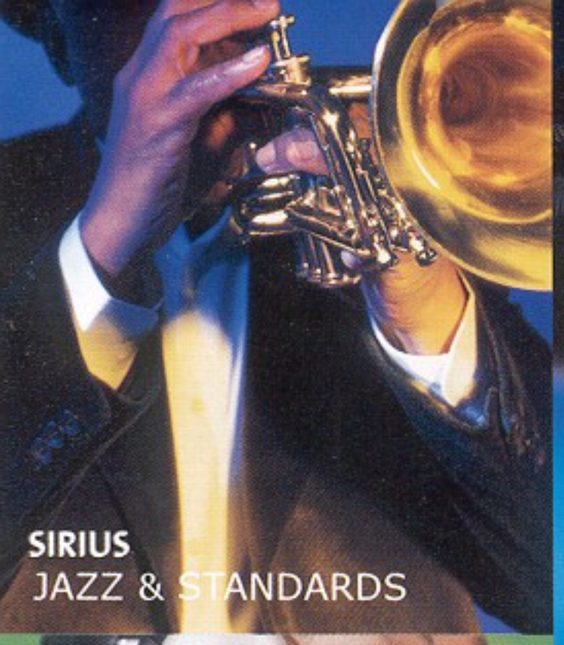

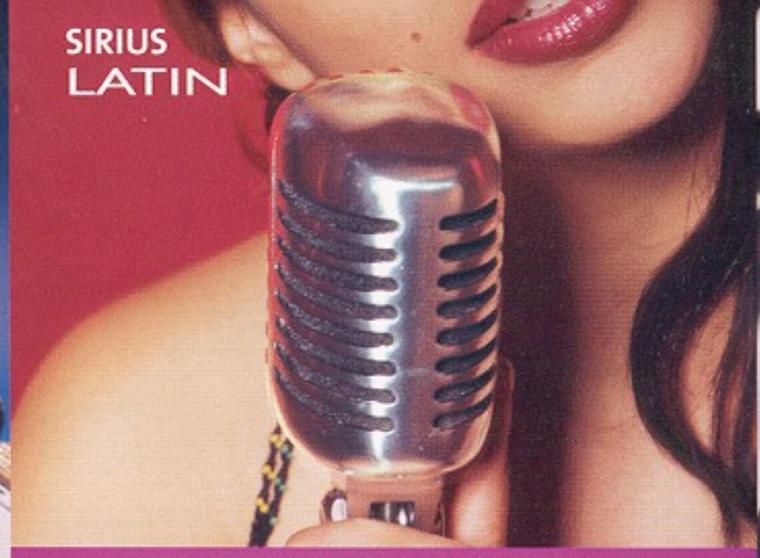

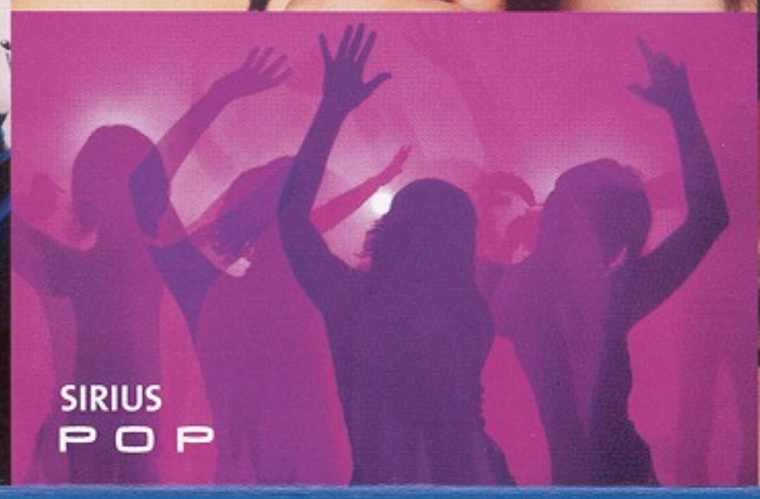

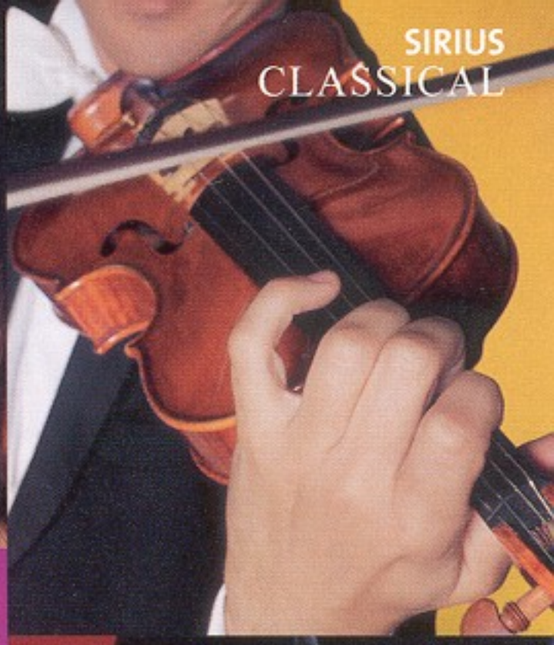

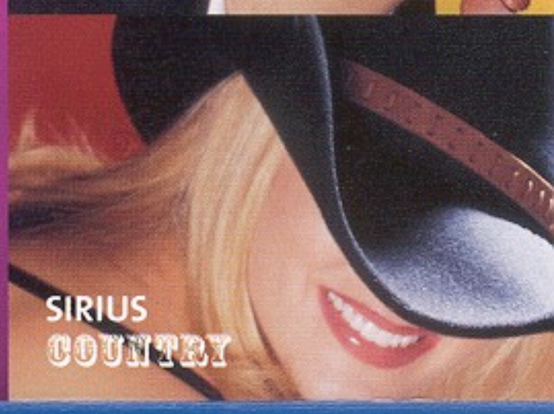

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